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Jamaican feed for M'Sila		J123	Zambian-Angolan road link?	IA	J459	Epoch looks at uranium, gold Mine lease for Hail Creek Dominion plans change	IA IA	J010 J011 J012	Yet more uranium in Ranger district Closure in Australia	MW MW	J101 J101
Hungary to prospect in Algeria More N. African phosphate Orders for Ruston-Bucyrus		J157 J234 J296	ANTARCTICA			Uranium export problems remain Uranium search in Western	MW	J022	ACM looks for coal Mogul follows up	IA	J103 J103
Search for bauxite in Algeria	H	M373	Antarctica issues debated	IA	J160	Australia Licences for ICC NL	IA	J046 J046	Aurukun ruling Alwest still looking	IA	J103 J103

Blue Spec closed	IA	J104	Engelhard replaces CGFA	IA	J418		н		71	Newmont, Esso drill Canadian Mo			
New hope for Iris? The changing uranium scene		J104 J118	Australia to double iros exporta to P.R.C.	IA	J419	Albras/Alunorte established	H IA	J4	71 78	More Saskatchewan uranium	IA .		
Ocean Resources: further drilling	IA	J121	Strike ends at Port Kembla More progress on Australian		J420		IA	J4	195 197	PCS reports	IA	J358 J359	
Fraser Island study Goldsworthy offer	IA IA	J122 J123	uranium front Australian uranium problems		J438	Brazilian bauxite	H	Me	109		IA	J360 J379	
Warkworth mining lease for CAIL?	MW	J131	remain Mt. Lyell seeks subsidy		J438	CANADA				Blizzard report Lanigan expansion detailed	IA .	J379 J379	
Shaft sinking at Kununurra Tasmanian interest	IA IA	J137 J137	extension Reprieve for Croesus?	IA	J440 J440					Denison loses out Quebec Sturgeon to go ahead		J380 J380	
Doradilla report Carr Boyd reports	IA	J137 J137	Australia relaxes investment rules	MW	J452	Ontario reconsiders mining taxation	MW	J	003	Northrim hits more high-grade silver		J380	
Search for U in W.A. Forsayth offers partnerships	IA	J137 J137	Ashton extends diamond holdings Benambra assay	IA	J457 J457	Canadian supplies for the E.E.C.	MW	J	006	Blizzard work boost Further work on Beauchastel		J397 J397	
AMIC seeks review Dominion changes mind	IA IA	J137 J138	Mine auctions CQCA to boost exports	IA	J457 J459	Du Pont interest in Bob Creek Good news from Blizzard	IA	J	010	Baker Lake work restricted Sam Goosly not feasible?	IA	J397 J398	
Razorback closed Redross to close	IA IA	J138 J138	Queensland coal strike Phosphate mining to cease	IA	J460 J473	Bending Lake decision awaited Coal mining considered Mining at Cronin?	IA	J	010	Inexco sale saga continues Milling to end at Phoenix	IA	J398 J399	
Dowty exports for Australia Townsville threat	IA IA	J139 J139	Cliffs' controversial deal with Japanese	MW	J475	More money for Soquem?	IA	J	011 026	Canadian uranium policies Cory potash		M411 M419	
Shell to search Tasmania? Oakbridge projects	H	M147 M147	Pacific Copper search for tin, coal	IA	J478	Uranium bonus at Silver Bear Grum studies complete soon	IA		026	Mineral discoveries and	A	M430	
Mitsubishi acquires silica mine Australian U search	H	M147 M147	Work underway at Oaky Creek Spargoville write off?	IA	J478 J479	Westarm in operation Marmora to close	IA		027	exploration expenditure Prospectors and Developers Convention	A	M437	
Coal loader plans Australian companies look to	H	M147	Australian coal for Israel W.A. diamond hunters increase	IA	J480 J495	Alco withdraws from Quintette Imperial Oil acquires all of	IA	J	028	Inco nickel cutbacks Canadian gold search	H	M485 M485	
solar energy More coal exports	M MW	M153 J154	Goldsworthy closure advanced Contracts for Gregory	IA	J496 J497	Gays River Second major uranium purchase	IA	J	028	Coal plan blocked Agnew Lake's corrosion problems	HW	M485 J413	
Progress at Mt. Pelion Another Electric Power Corp.	IA	J158	Feeders for Hamersley	IA	J497	by Ontario Hydro 1977 minerals output up	MW		041	No decision yet on Birch Island Midwest Lake work continues	IA IA	J417	
order NSW announces guidelines	IA	J159 J159	Costs cut at Port Waratah Force majeure by Utah Dev.	IA	J498 J498	Belmoral looks for funds Imperial Metals reports	IA		046	KHD to supply carbon plant Gibraltar talks breakdown	IA	J419 J420	
New moves in CAIL takeover sage Where does the uranium come	MW.	J173	Alcoa Australia dispute ends Coal expansion plan	IA H	J498 M611	Uranium talks resume Saskatchewan inquiry delay	IA	J	046	Quebec boosts processing Eldorado budget approved	IA	J439 J439	
from? Marra Mamba ore for Japan	MW IA	J174 J178	W. Australian exploration W.A. diamonds	H	M611 M611	Smooth start-up for Afton Receiver for Van Silver	IA	1	047	Qualified go-ahead for Cuff Lake	MW	J453	
Russian equipment for NSW Utah/unions confrontation	1.8	J178	Sorby Hills correction	H	M611	Dragline order from Pine Point Ontario hearings	1A MW	J	049	Hopes for a settlement Getty joins Kasmere Lake	MW	J454	
continue Problems in the Pilbara	I A MW	J179 J191	AUSTRIA			Gold joint venture in Quebec Smoky River plans approved	IA		1065	venture Nine auctions	IA	J457 J457	
Tasmania: coal interest grows Sorby Hills joint venture	IA IA	J194 J194	Austrian consultant group	IA	J087	Plans for lignite mining in northern Ontario	p		1009	Nova Scotia mine closures Steetly at Penhorwood	IA	J458 J459	
Work underway at Tarong	IA IA	J194 J194	Vienna trade centre Austrian scheelite mill	D	J139 M625	Afton mine on stream Nova Scotia exploration	A	1	1014	Saskatchewan: uranium take-off Canadian pricing policy	N	J469	
Anyone for Golden Grove? Had for Croesus	IA	J195				B.C. mine to close Quebec copper search	H	3	1053	challenged Dungannon reports	MW IA	J474 J478	
Atlas Copco riga for Woodlawn Goldsworthy hit by strike	IA IA	J196 J197	BELGIUM			Hudbay at Spruce Point Camflo at Snodgrass Lake	IA IA	1	1086	Claymore/Canadian Occidental	IA	J478	
Aussie wharfies abide by ACTU Utah stoppage	IA	J197	Uranium prospecting in Belgium Dispute hits Olen deliveries	DIA	M081 J236	Asbestos Corp. must pay Royalty relief urged	IA		1086	More for Canadian minerals Gibraltar out but Placer back	IA	J479 J481	
Stockdale forfeits leases Work continues on Sugarloaf	IA		Hope in Belgian dispute? Most Belgian workers return	IA	J297 J317	Cyprus Anvil renegotiates sales Hope for Canada's miners	s IA		1088	Reprieves for Craigmont, Orchan Work continues at Coates Lake		J481 J495	
prospect Second pit for Central Norsema	n IA	J214 J214	Overpelt health charge Last Belgian strikers return	IA	J338	Umex - new policy Newfoundland search	IA		1103	Uranium: Ontario interest grows	IA	J495 J495	
Australia produces more gold, sells less	TA	J215	Underground gasification at Thulin	IA		Grays River go-ahead IMC on NB potash	IA		7103 7103 7104	Mel progresses Agnico widens portfolio	IA	J495 J497	
Queensland: Utah suspends workers	IA					Finance for Campbell Chibougamau	IA		J104	Caraiba Metais awards contract EDA to manufacture new range of	IA	J497	
Promise in Western Australia Further checks to uranium	MA		BOLIVIA			No joy for Sudbury	MA		1117	instruments Inco workers reject contract	IA	J498	
developments Fast work at Daky Creek	NA IA		More Bolivian tin for Russia Chacarilla changes hands	IA	J012 J012	Shaft sinking at Thompson Bousquet	14		J122 J122	Saskatchewan uranium exploration	A	M563	
Gove: new SLM contract	1.8	J236	Bolivian mineworkers dispute Bolivia relaxes controls	IA	J029	More coal from Cape Breton Hope for the future	363	1	J134	Expansion for Lanigan Canadian molybdenum	H	M607	
Goldsworthy workers go back Further uranium find in	14		Gravity concentrator design an		M033	Manitoba changes policy Tungsten find in Nova Scotia	1/		J137 J137	CENTRAL ASSISTANT EMBIRITA	_		
Australia Windarra to close	PH	M177 M263	More Soviet aid for Bolivia Bolivia: less bismuth, more	IA		Strike at Advocate Westarm opens	H		J139 W143	CENTRAL AFRICAN EMPIRI			
Blue Spec closes Hail Creek leases	11	M263 M263	tungsten Help for Bolivian exports	IA	J138 J160	Canadian tin study Quebec offers assistance	Н	8	M143 J154	Diamond concession in C.A.E.?	IA	J438	
Aborigines lose rights Diamond hunt	E		Bolivia: mineral exports	IA	J178	More drilling at Rabbit Lake Spruce Point correction	1/	A .	J157 J157	CHILE			
Gemco to open new quarry Australian orders boost U.K.	1/		Bolivia: relaxes controls New smelter contract signed	MA		Sudbury diversification? Placer on Logtung	1/	k .	J157 J157	Fluor at Chuqui	IA	J012	
company	1/	J263	Bolivia awards lead smelter contract Bolivian contract for U.S.S.R.	H	M371 M371	Granduc to close Agnew Lake disappoints	1/	A .	J159 J159	Exaon buys Chilean company Aid for Chile's smaller mines	IA IA	J012 J066	3
Uncouraging new from Alwest Mining at Newnes	M	J277	Malaysians in Bolivian tin	14		Agressive's partners happy Cam reports	1/	A :	J177 J177	La Disputada expansion possible Chile: titanium find?	e MW	J081 J103	3
Trouble again in the Pilbara	1/	J279	venture? Bolivian tim find?	18	J379	Mine lease for Onakawana More coal from Cardinal?	1/	A :	J177 J178	Chilean miners reinstated Chilean copper	IA H	J104 M143	3
Hoyalties for aborigines W.A. coal, uranium interest	MY I		NUM at La Paz? KIVCET amelter in Bolivia	p	M411	Closure for Langmuir & HB Flooding shuts N.S. mine	1/	A	J178 J178	Chile sells copper mine Chilean urasium study	H	M143	3
Kivcet at Port Pirie? Pioneer expansion	1/		Bolivian contract complete Malaysians to join Bolivian	Н	M609	Common Government approach More on Mid-West Lake find	M	A	J189 J194	1977 copper production El Abra reserves detailed	MW	J211 J214	1
Possible go-ahead for	1		tin venture?	n	Mena	Inexco offers properties Orchan announces cutbacks	I	A .	J194 J196	La Disputada terms Solar powered furnace?	H	M259 J359	
Gladstone? Epoch looks for partner	M		BOTSWANA			McIntyre bargaining Commee molybdenum	I.	A	J196 J214	El Abra reserves Penarroya asks Chile for more	H IA	M484 J479	
Princess Royal out of action New South Wales coal for Japa	n P		New mine in Botswanz	MI		Inexco reveals buyer Gibraltar threatened	1	A	J214 J215	World's greatest copper reserves	MW	J493	3
Dillingham ceases mining in Australia	16	M370	Jwaneng discussions Botswana approves Jwaneng min		M097	Quebec contributes to asbestos search	I.	A	J233	Humsco pelletising plant	A	M556	
Tin mine closes Redross to close	11	M370 M370	Reappraising the problem Go-ahead for Jwaneng diamond	363		Clear Hills leases acquired Denison review sought	1	A	J234 J236	CHINA			
Sorby Hills prospect Uranium search	18 10	M370 M370	mine Botswans raises Eurodollar lo	an Mi	W J349	Canadian lead/zinc venture Canadian mine to reopen	H		M259 M259	Chinese geologists busy	IA	J010	0
Australians improve quality a expand use of Landwat			Railway takeover started Botswana coal wagons	M T		Saskatchewan potash Cape Breton reserves revised	H		M259 J258	China-Japan sign agreement China looks to Italy?	IA	J139	9
imagery Australian Mining Show, 1979	M		BRAZIL			Uranium pricing Iron ore frozen	I		J262 J274	China's expansion plans China plans to 1985	NIA	J185	5
Predicting mine faults Getting uranium mining starte		A J339 W J351				Amoco: molybdenum interest Hope for Orchan?		A	J277 J277	CVRD sales talk China buys Bougainville	TA	J210	
Expansion for Collinsville Co	al i		Amazonia smelter advanced? Valesul contract swarded	I	A J067	Key Lake decision postponed Second NB potash development	1	A	J277	concentrates Chinese exploration	IA H	J210 M26	
Good news from Roxby Downs Good news from Benambra	1	A J379 A J379	Carajas scaled down Brazilian diamonds	H	M055	Quebec: Asbestos Corp. settles (tario: geoscience programme	s I	A	J279 J279	Kwantung plans Remote sensing in China	IA	J29	5
Dampier seeks licences QPL to close		A J379 A J379	Brazilian aluminium Brazil: rail link problems	H	A J086	Good news from Falconbridge	1	A	J294 J294	CVRD bid for Chinese market Japanese in the P.R.C.	IA	J38	2
Princess Royal loss continues Successful leaching projects	I	A J381 W J393	Brazilian coal finds Carajas El Dorado		A J103 A J121	Smoky River reprieve Baryte assessment continues	1	A	J296 J314	Australia to double iron export to P.R.C.	rts		
WMC in Geelong Surprises in Camberra	1	A J397 A J398	Brazilian uranium reserves Pechinev for Brazil?	H		Baker Lake controversy		A	J314	China: more coal for Japan?	1/		0
Good news is bad news Scooptrams for NbH	1	A J399 A J400	Brazil: precious metals in Minas Gerais		A J177	BC wide exploration/developmen	at 1		J314 J315	COLOMBIA			
W.A. diamonds New Alwest partner	Ė	M485	Non-metallic minerals in		A J177	Cenex busy selling		A	J315	Compensation for Peabody	1/	A J04	12
Groote Eylandt expansion Australian beach sands	1	M485	Brazilian tin grouping?	1	A J215	brighten	1		M297 M370	Colombian coal	H		57
NSW coal	1		Brazil's important new		A J216	Saskatchewan uranium find Langmuir to close Granduc to close	1	H	M370 M370	Colombia's new uranium organisation	I		14
Uranium: almost there in Canberra		W J411			IA J258	Ontario grants coal leases	1	Н	M371	Colombian coal compensation Second Enusa agreement	H		
Otter looks for diamonds Alusuisse joins Mareeba?		A J417	MBR gets less		A J278	Key Lake project Good news from Imperial Oil		IA	J337 J337	COSTA BICA			
Partner for Northern Mining Wagerup plans revealed		A J417	Brazilian mine purchased	3	A J314	Afton officially opened		IA	J337 J338				no.
Nabalco considers smelting		IA J417	Less for CVRD	1	IA J316	M.Sc. in mineral Exploration		AR	J339	Costa Rica smelter studied	.1	A J17	10

Santa Clare reserves upgraded	IA	J397		M D	W613 W625		Pumps for Kudremukh Khetri strike loss	IA	J278 J279	Agreement on Robe shipments Hokkaido reschedules plans	IA	J41	19 39
Comecon meets in Cuba	IA	J233	GHANA				Indian tender bids revealed Indian iron ore lay-offs	IA	J294 J295 J297	Short shrift from MITI China: more coal for Japan?	IA	J4: J4: J4:	58
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CYPRUS			Power cut hits Ghana smelter African gold plans	IA	J338 J438		Khetri strike over More work at Meghahatuburu		J338 J358	Japanese stockpile extension sought	IA	34	179
Cyprus asbestos	H	M145	Ghana smelter out of action	H	M607		Indian quicksilver purchase India to export gold	IA	J361 J380	Japanese Cu mine closes	H	M6	11
CZECHOSLOVAKIA			GREECE				Indian iron ore gloom India sells more gold	IA	J380 J399	JORDAN			
Czech coal programme More Czech coal	IA IA	J086 J496	Greek bauxite exports Scalistiri reports Greek gold find	IA H	J028 J066 M145	3		IA IA P	J400 J400 M415	Middle East studies	P H IA	M1	095 146 234
DUBAI			The iron-nickel deposits of Euboea in Greece Bauxite find in N. Greece	DIA	M164		Indian state to boost exploration	IA	J438	Jordanian rail plans Jordan's phosphate earnings drop	IA		361
Dubal orders steel	IA	J159	Aluminium de Grece expansion Hungarians in Greece	IA	J158	3	Another Indian refinery mooted Gold auction disappoints Indian uranium finds	IA IA	J439 J441 J457	More from JPMC	IA		400
ECUADOR			Greek alumina Work begins at Zidani Elevme takes over salt holdings	H	M261 J295	5	Breco/UBR extend co-operation India regulates baryte exports	IA	J457 J459	KOREA			
Uranium in Ecuador?		J177	Bauxite find in Greece	H	J315		India: tin, copper find Indian explosives developments	IA IA	J478 J479	Aid for Korea- Korean coal contract	IA.		065 058
Ecuador U find?	H	M371	GREENLAND (DENMARK)				Indian iron ore plant	H	M611	Onsan nears completion S. Korean Al purchase	IA	J	233 382
EGYPT			Uranium in Greenland Kavanefield reserves revised	HIA	M057	7	INDONESIA			S. Koreans at Mt. Thorley? N. Korean coal forecasts	IA	J	418 440
Egyptian exploration U.S. team in Cairo	HIA	M057 J158	Trouble again for Greenex?	IA	J235 M265	5	Sumatra coal Canadian aid for Indonesia?	H	M146 M146	N. Korea: more iron ore Dae Han buys more ingot	IA IA	J	479 480 611
Egyptian iron search U.S. exports to increase	IA IA	J214 J460			MEG		Klockner wins Bintan refinery contract	IA	J157	N. Korea coal plans		100.0	611
EIRE			GUATEMALA				Indonesia announces production figures	IA	J316	LIBERIA			
Nenagh: further drilling			Exmibal nickel leaves for Clydach	IA	J15	9	Kalimantan: encouraging results Indonesia reconsiders? Bukit Assam loan	IA	J337 J439 J479	Iron ore exports decline Hunting in Liberian contract	HW	J:	229 258
planned Progress for Aughinish Alumina	IA	J010 J086	GUINEA					10	0415	Liberian uranium Liberian joint venture	IA	J	1483 1457
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More work by Munster Base Metals	IA		Guinean research centre An integrated smelter complex?	IA	J45	9	Kudremukh iron ore Iranium outlook	A	M026 J122	Yugoslavs to prepare Libyan			
U.S.S.R. to build Irish zinc plant?	Н	M373	GUYANA				Microscope investigation of Iranian iron ore	D	M395	rail specifications	IA	J	J216
More for Tynagh search Uranium exploration in Ireland	IA	J397 M483	Guyana: uranium prospecting?	IA	J17	7	Mineral industries to expand	MA	J413	MALAGASY REPUBLIC			
Irish smelter sited Centaurs for Roadstone Ireland Irish licences awarded	IA IA	J417	Guyana plans kaolin developmen Guyana refinery studies		J23	14	Iraq: salt contract awarded Salt complex for Iraq	IA IA	J216 J315	Surveys for Omnis Madagascar survey	IA H		J177 H373
EL SALVADOR			HOLLAND					***	0015	MALAYSIA			
McAdam reports	IA		Contract for Fluor Nederland magnesium plan	IA	J21 J25		Israeli coal projects	н	M058	Accord in Selangor Malaysian tin news	HW		J005 J066
Canadian Javelin reports ETHIOPIA	IA		HONDURAS				Oakbridge to supply Hadera? Australian coal for Israel	IA IA	J441 J480	Malaysian Al plant New dredge launched Less tin in 1977	HW MW	M	M058 J104 J134
African gold plans	TA	J438	Rosario mining projects Rosario mining plans	IA H	J33		ITALY			Sarawak: antimony, uranium discovered	IA		J157
	***	0.400	HOSELTO MITTING PIEUS	н	moo	15	China looks to Italy?	IA	J139	Malaysian tin hunt intensified Selangor states foreign mining terms	IA B		J233 M263
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New Finnish loader Kotalahti ramp complete	H	J063 M263	Eleventh Commonwealth Mining and Metallurgical Congress Hong Kong		M45		JAMAICA			venture? Malaysian tin production falls Tin's continuing troubles	MW	1 .	J337 J360 J394
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Pulsed columns for extraction of uranium	D	M077					U.S.S.R. aids Jamaica The changing Jamaican scene	H	M144 J209	Malaysia: Mamut pollution claims	IA		J496
Cominco: S.W. France interest Morocco: French finance French plan pure nickel coin	IA	J157	HUNGARY				Jamaica: production figures released	IA	J296	MALI			
Industrial Minerals Congress French minerals search	N	J206 W261	Aluterv busy abroad Bauxite mining developments in Hungary	I/	MO1					Mali uranium expenditure	IA		3277
Usinor to cut iron operations French to supply Tunisian unit	IA	J359	Tatabanya mine disaster Hungary to prospect in Algeria	1/	J14	40	JAPAN			Japanese extend Mali concessio Wali uranium hunt	n IA	A i	J397 M607
France stages successful exhibition at Expomat Joy to close French subsidiary	MIA	J415 J458	Hungarians in Greece Hungary steps up coal hunt	I	J29	94	Japan reflates Japan: finance for uranium	NIA	J001 J011	HAURITANIA			
Uranium extraction venture Mining bauxite in France	IA	J478 M546	Soviet-Hungarian agreement Progress at Nagyegyhaza	1			Japan: finance for bauxite? Kamioka: brief closure More time for Osarizawa	IA IA	J011 J011 J012	Loans for Mauritania	н		M145
French iron ore cutbacks	H	M609	INDIA				Short halt for Furutobe Japan: tungsten's ups and down	IA	J028 J028	Akjoujt needs more power Pelletisation in Nouadhibou?	1/	A	J236 J315
GERMANY (EAST)			Lead/zinc in Darjeeling	1	A JO	10	Japan: bargaining begins Employee cutbacks at Showa	IA	J048 J068	Mauritanian power station extension	н		M483
Developments in the G.D.R.	1/		Indian diamond training India seeks higher price, more	I			Japan: more copper, lead and zinc Japanese team in copper talks	IA	J087	Siege economies Mauritanian mine closures Mauritanian iron ore	1/		J411 J458
G.D.R. lignite projects Opencast mining machinery from	14	J137	iron ore exports India produces dead-burnt	1			Japanese nickel stocks China-Japan sign agreement	IA	J138 J139		n		MOUT
E. Germany GDR lignite	A	M119 M145	magnesite Indian coal finds India to import coal	I	A JO	146	Japanese equipment for Mexico Japanese zinc cutback	H	J139 M146	MEXICO			
Tin from Altenberg Use of isotopes in lignite	I/	M380	Eriez Separators for Kudremuki Finance sought for pellet plan	I		49	Steam coal stocks cause concer Another Electric Power Corp.			More gold from Mexico Taviche overcoming problems	I	A	J011 J012
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G.D.R. lignite mine opens	H	M609	Bailadilla shipments settled Indian import bill increases	1	A J1 A J1	06	Japanese copper news mixed Shibata shut down Relief for nickel	1/	J235	Japanese equipment for Mexico	1	A	J087 J139 J216
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Hunting in Oberpfalz Mining in the Harz mountains	I.		Indian gemstones fetch more Indian coal output up	1	A J1 A J2	215	NSW coal for Japan Finance for metal imports	P M		Improved fiscal climate in	N		J409
W. Germany wins Kurak contract Study plan for mine fitters	D	M144 M283	Indian imports approved Indian mica exports	1	A J2	215	Japanese lead for Cuba? Japanese aluminium imports ri: Toll-refining agreement near?	se I	J361	Mexico drops out of Jalumex	H		M543 M609
the same of the sa	16	M388	Increased metals production a	nd w	W J2	230	Osarizawa mine to close	I	J381				
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anish team in Morocco	IA	J157 J158	PASAR still unsited Gold programme underway	IA	J027 J046	New uranium plant for		M261	U.K.		
ab Mining Co.	H	J233 M263	Philippines copper loan	H	M058 M058		H	M261		MW	Jo
		M261 J317	Philippine coal, copper news Philippine gold increase	IA	J086 J087	Electra and Mining	IA IA	J259 J263	Winder electrification	IA	10
ghreb-Europe: mineral bond	NIA	J449 J479	Philippine mineral target Marinduque/Acoje plans	IA IA	J122 J138	Buffels winder order Coml price settled	IA	J278 J278	U.K. fluorspar Export order for Head Wrightson	H	MO
TOTAL SAME TO BLOW	AM	0410	I-C-B to start-up? Utah in Philippines	IA	J178 J277	Gold reserves revalued	MW	J289	S.W. England drill programme	IA	JI
AMIBIA (S.W.AFRICA)			Uranium search in Philippines More power for Bank	IA	J294 J294	Brief strike at Blyvoor Smelter for Rooiberg?	IA	J297 J314	Force Crag reopening?	IA	J1
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mibia: towards independence	H	M145 J325			J314 M373	White miners reject pay offer GFSA presses ahead with new	MM	J331	New UK tungsten mine?	P	MO
rg Aukas placed on C & M	IA	J360 J418	Philippine gold Philippines copper	IA IA	J337 J358	project Iron ore: S. Africa exports	MW	J392		H	M1
rg Aukas on C & M	H	M607	Atlas hopeful PASAR smelter details	IA IA	J382 J398	to Taiwan Brief halt at President Steyn	IA	J400 J401	Cornish tin prospect	H	MI
EW ZEALAND			Philippine sales agreements Philippine copper smelter plans	IA	J480 M611	SA uranium plant contract New gold-uranium mine for	P	M413	Oceanology at Brighton, U.K. International pneumatics and	М	Mi
EW ZEALAND			Philippines uranium search	Н	M611	Union Corp.	Н	M483		M IA	M: J:
w coal mining bill	MW	J005 J043	POLAND			De Beers to prolong lives of	D	M517	U.K. geologists form body	IA	J
old search in Thames uff smelter charges agreed	IA	J121 M147				Kimberley mines Premier in news again	IA	J414 J418	Force Crag plans approved	IA	J
are smerrer charges agreed	11	MINI	Poland steps up output Poland: underground repair shop	IA	J047 J066	S.A. workers settle New lease of life for Premier	IA	J441 J491	Taylor Woodrow orders	IA	
ICARAGUA			Rockburst hazards in the Legnica-Glogow copper ore			Trouble at Impala Rooiberg tin smelter?	IA	J498 M607	Caterpillar 777s Cornish report	IA	J
D joins Nicaraguan JV	IA	J026	mines	D	M079	Moorberg till Smerter:	n	MOUY	Gamblethorpe mining approved	IA E	J:
			Polish colliery progresses Albanian trade visit	IA	J104 J106	SPAIN			Amax elects to continue at	MW	
IGER			New Polish coal mine Configuration of headings in	H	M145				Odour and noise control	IA	J
couts nears commissioning	IA	J194	Polish copper mines Polish offshore programme	DIA	M161 J157	Spain: coal miners strike Spanish iron ore find	H	J123 M145	SGB acquires Lomount Planning adaptability studied	IA	J
ger uranium mine	H	М373	Polish coal plans Polish contract for CRU	IA	J158 J159	The mining industry in Spain Spanish team in Morocco	DIA	M163 J158	Encouragement at Porkellis Moor Mount Wellington to close	IA MW	J
GERIA			Poles save on tungsten bills	IA	J196	Lock out by Hunosa Coal in national energy plan	IA	J297 J431	Wheal Jane to follow suit	MW	J
gerian D-R contract	FI	M057	Poland to cut copper exports Polish coal: long-term plans	IA	J215 J234	More Spanish mercury	IA	J479	RB details orders	IA	
udy for Nigerian laboratory	IA		Flotation of Polish copper ores Polish lignite targets	B	M283 M484	Spanish mine expansion	IA	J496	U.K. coal	H	9
ORWAY			Occidental in Polish agreement	IA	J439	SRI LANKA			Wheal Jane rescue moves	IA	J
			Polish colliery progresses	18	J495	Sri Lanka apatite	TA	J337	Energy gaps studied Down but not out	IA	
rvik's new ore handling facilities	A	M217	PORTUGAL				***	0001	EUC Trucks wins NCB order Coal find off Wales	IA	1
orway to buy LEAB apatite	IA	J360	Portugal: zinc self-sufficiency			SWAZILAND			Work continues at Hemerdon	P	3
MAN			anticipated LKAB in Portugal	IA	J214 J315	Shell: Swazi study	IA	J495	Uranium exploration in Ireland	H	3
			New Portuguese zinc plant? Portuguese zinc plant?	IA	J359 M609	SWEDEN			Selby shield commissioned Dresser presents mine plans	IA	
man sining Co. formed	H	J046 M263	Fortuguese zinc plant?	23.	меоя	SWEDEN			Asbestos recommendations Winder order	IA	
			GATAR			Uranium in Sweden Swedish uranium row	H	M057 J087	Further work at Blidworth Loan funding for Prescot	IA	
ACIFIC ISLANDS			Qasco build up	IA	J480	New mining methods at			modernisation	IA	
ji to buy Emperor	IA					Garpenberg Swedish mine closures	A	M302 J440	Silos for Warmwell Capper Pass shutdown	IA	1
w Caledonian agreement? ickel price talks pending	H	M057 J123	RHODESIA			Atomenergi name change Mineral processing at	IA	J479	Coal - source of oil and gas Tin mines still waiting	MW	
mperor to cut workforce?	H	M147 J177	Mining equipment co. fined	IA	J066	Stekenjokk Apatite plant for Kiruna	A	M591 M609	Drilling planned in Scotland Cawker go-ahead authorised	IA	1 .
ess for nickel max and BRGM agree joint	IA	J216	Internal settlement Deaths at Wankie	MW	J115 J197	Apactes plant for Rifula	n	MOUS	Seltrust integrates consultancy serves		
nickel development	P	M297	Rhodesian Cu mine to close	H	M607	SWITZERLAND			Setbacks for Cornish tin	IA	
iji copper prospect e Nickel cuts production	H MW	M370 J333	RUMANIA			Major tunnelling exhibition in			industry U.K. offshore coal find	P H	1
mperor miners strike trike action at Noumea	IA	J360 J441	Rumania orders Kaiser coal	**	*****	Switzerland Successful exhibition at Basle	M	M150 J192	11.5.4		
iji option approval sought	18	J478	Quintette draft signed	IA IA	J419	Decree Canada Com at Dacre	201	3132	U.S.A.		
AKISTAN			Belting for Rumania	IA	J480	TAIWAN			Anglo-Bomarc/Canadian Superior part company		
			SAUDI ARABIA			Bauxite find in Taiwan?	TA	J137	Black Thunder ships coal	IA	
CI on Hazara phosphate akistan gem plans	IA		Saudi Arabian programme			Taiwan bauxite find	HIA	M373 J382	U.S. zinc producers seeking import protection	IA	Α .
akistani investment akistan plans for more coal	IA IA		continues Red Sea exploration		J065	Taiwan seeks metals Iron ore: S. Africa exports			U.S. tin buffer stock bill hearing	IA	A
akistan iron ore find akistan opens new salt mine	IA	J337	From black gold to yellow	MW	M146 J433	to Taiwan	IA	J400	Zapata to sell offshoot Carter quizzes minerals study	IA	
ew Pakistan phosphate mine	H	M484	Red Sea search	TA	J495	TANZANIA			group U.S. consumption prospects	MW	
akistan iron ore find akistan: prospecting copper	IA IA		SIERRA I EONE			Tanzania to mine phosphate?	IA	J138	Uranium permits pooled	MW	A
akistan's Saindak copper project	p	M541	SIERRA LEONE			Tanzania to increase gold output	IA	J234	Nerco in Nubeth Scotsboro sale agreement urged	IA	A .
akistan iron ore find	H	M611	LKAB studying Marampa Sierra Leone iron ore study	IA H	J278 M607				Gilman closed Pea Ridge shutdown	IA	A
ANAMA			and are arealy	-		THAILAND			U.S. coal strike continues	IA	A
			SOUTH AFRICA			Thai tin tax reduced	IA	J047	Shaping U.S. minerals policy On stream again	MW	W
anal revenue for Cerro Colorado	ī.A.	J214	Uranium enrichment decision?	MW	J005	Mining and processing lignite in Thailand	A	M023	Hawaiian manganese nodule study Blanding: uranium milling	IA	A
erro Colorado sceks aid	H	M371	Western Platinum cuts back Richards Bay expansion?	IA	J027 J046	Thai tin contract Thailand: baryte ore ban	H	M058 J105	interest	IA IA	
ERU			Mitchell Cotts at FSS New shaft at Harmony	IA		Thai royalty detailed Thailand cuts tin royalties	IA	J121 M373	Ontario mine to close U.S. base metal producers seek import curbs	MM	
			S.A. gold fall	IA	J060 J067	Thai tin exports rise		J361	Mixed reactions to 'trigger'		
ore trouble in Peru? PCC's repayment problems	IA		De Beers goes for increased diamond production	P	M007	Thai sponge iron plant? OMO dredge progress	IA	J417 J478	prices Minatome: Utah interest	MW	A
inance sought for Peruvian mines	IA		Grootgeluk to proceed New U recovery plant at	MW	J083	2 2 3 2 2 2 2	4 11	0.10	Molycorp-Kennecott part company CF Industries begins work	IA	A
eru: Cobriza expansion halted	IA	J065	Stilfontein Gamsberg delayed	MW MW	J100	TOGO			U.S. tungsten supply/demand O & K bucket wheels for U.S.	IA	A
pansion at La Oroya	MW	J083	Natal beach sands project	P	J101 M093	Hungarians at Habatoe	IA	J478	U.S. coal hopes dashed Cyprus Bagdad expansion ahead	IA	
PCC strike postponed	IA	J236	Afrikander Lease uranium? Gold mine expansion Delay for Unisel	H	M145 M145				of schedule	p	
eru: miners strike	IA P	J236 M181	Coal in Kruger Park	H	M146	TUNISIA			U.S. Colorado coal contract U.S. base metals study	H	
eru: miners strike acancies at Chimbote xpansion at La Orova	A	M184 M259	Mineral prospects Yellowcake from ERGO	MW	J173					H	
eru: miners strike acancies at Chimbote xpansion at La Oroya erro Verde	IA	J279	The changing mine labour scene	MW	J190	French to supply Tunisian unit	IA	J361	Montana copper closures Natomas acquires Badgett	H	1
eru: miners strike acancies at Chimbote xpansion at La Oroya erro Verde eruvian gold eru: La Oroya, Ilo still out		J317	New mine for Natal Uranium ranks higher at Vaal	IA					Amax ups Mo reserves U.S. zinc	H	-
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sign of a coal settlement S. utility finds uranium KK seeks review minennial expands poo buys Longbranch poo buys Longbranch poo buys Longbranch order	IAA IAA HH MWAAAA IAAA MWAAA IAAA IAAA IAAA IAAA I	J233 J234 J236 M177 M259 M259 J255 J258 J262 J262 J262 J262 J261 J277	Paradise Peak purchased U.S. uranium find New U.S. producer Myoning U project to go ahead? U.S. uranium project planned New Nevada gold/silver mine Versie of the project to go ahead? U.S. uranium project planned New Nevada gold/silver mine Anaconda smelter shutdown Contract for U.S. coal plant Getty joins Phelps Dodge Getty joins Phelps Dodge Auction changes Auction changes Auction changes Auction changes U.S. diamond search U.S. uranium activities U.S. diamond search U.S. uranium activities U.S. uranium activities U.S. uranium activities U.S. uranium reserves assessed Wyoming uranium project Coal contract for Coastal U.S. uranium activities U.S. uranium activities U.S. uranium activities U.S. uranium activities U.S. uranium project Strike action at Boms Energy policy lurches shead Partners for Silver King Oregon/California sineral find U.S. exports to increase UMN Jones Sterns UMN Jones Sterns Underground in Oktahoma? U.S. uranium purchase U.S. uranium propects Proclous metals hijacked Silver King to manage TVA- Coal I cases reversed Uranium mining developments in Wyoning U.S. minerals trade with U.S. uranium projects New Wyoming coal plannt U.S. uven on planned U.S. uranium projects New Wyoming coal plannt U.S. uranium projects New Wyoming coal plannt U.S. uranium projects New Wyoming coal plannt U.S. uranium projects New Wyoming coal plant U.S. polities postponed New Wyoming coal plant U.S. uranium projects	MW IAA IAA IAA IAA IAA IAA IAA IAA IAA IA	J491 J495 J496	Midrex plants for Russia Coal new from the U.S.S.R. Taymyrskiy expansion Copper mining in the Urals Russia: developments in copper Russia to Revelopments in tron Russian tin prospect Russia looks for Al Soviet bid for Irish mmelter? Phosphate co-operation U.S.S.R. Koatamuksha dispute More Soviet aid for Bolivia Soviet coal targets Russian equipment for NSW Uralmash: bigger and better? Coal bargaining	IAA IAA IAAA IAAA IAAA IAAA IAAA IAAA	J159 J216 M261 J270 M485	More Yugoslav antimony News from Bor and Kawadarci Coal finds in Yugoslavia Yugoslavia in Angolav Yugoslavia in Angolav More Serbian lignite Prosepeting in Nosowo Republic Prom Maddanpek to Northampton Yugoslavia Prospecting in Nosowo Republic Prom Maddanpek to Northampton Yugoslavia: Foreign investment Yugoslavia: Foreign investment Yugoslav antimony mine? Yugoslav opper mine Yugoslavia: ene shaft at Bor Yugoslavia: ene shaft Yugoslavia: ene s	IAA NI IA	1 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	21 38 38 38 58 94 33 778 295 297 114 371 371 381 183 184 484
Wyoming diamond search Monre drilling on Maine prospec Still on a tightrope Summer shutdowns	t IA	J285	UPPER VOLTA Finance for Upper Volta	14	J121	Bor modifications	IA	J010	Zambian-Angolan road link? Troubles still for Zambian copper			J498
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Methods and Mack Summer shutdowns Methods and Mack Assay Methods Automated sulphur analyser Australian analyser for miner processing Laser-operated particle size analyser AUTOMATION Excavtors with remote control BLASTHOLE DRILLING Large diameter blasthold drill India BLASTING & EXPLOSIVES Calcium nitrate slurries Friming of large-diameter Analysis of large-diameter Analysis of large-diameter Analysis of large-diameter and large analysis of large-diameter analysis of large-diameter and large and larg	N IAA	J285 J295 J024 J353 M503 J396 J175 J084 J175 J084 J084 J084 J084 J084 J084 J084 J084	COMMINUTION Control of crushing circuits South African-made crushers for Simben New portable crushing plant COMPRESSORS Silenced compressors from Transportable compressor New U.S. range COMPUTERS Locomotives underground Improving mine evacuation Program computes loading on rotating cylinders Orpheus planning system Computerised mine planning system	A MM	M207 J396 M613 J193 J293 J436 M313 M364 M364 M564 M504 M515	Opencast mining machinery from E. Germany Increased power for overburder beit conveyors Narvet conveyors Narvet conveyors Narvet conveyor notice interest High speed, rugged vulcaniser New bolt acraper attracts interest High speed, rugged vulcaniser New conveyor roller DIESEL ENGINES Locomotives underground Advanced design diesel mining loco DRILLING DRILLING DRILLING Pototype techniques for unde water drilling Hydraulic crawler rig series South African drilling achievement Twin-booms jumbo introduced in Recovering cores from loose	A A M M M M M M M M M M M M M M M M M M	M119 J156 M217 J275 M377 M501 M313 A497 J009 M089 J102 J119	Canadian self-propelled jumble bydraulic drill developments between the control and the contro	igs i	IAA JAA JAA JAA JAA JAA JAA JAA JAA JAA	J3355 J377 M497 J476 J106 J158 J158 J339 J339 J339 J401 J407 M535 J063 J063 J063 J063 J063
Methods and Mack Summer shutdowns Methods and Mack Assay Methods Automated sulphur analyser Australian analyser for miner processing Laser-operated particle size analyser AUTOMATION Excavators with remote contro BLASTHOLE DRILLING Large diameter blasthole dri Blasthole drills for Kudremul India BLASTING & EXPLOSIVES Calcium mitrate slurries Priming of large-diameter Anowgule to produce explosive	N IAA	J285 J295 J024 J353 M503 J396 J175 J084 J175 J084 J084 J084 J084 J084 J084 J084 J084	COMMINUTION Control of crushing circuits South African-made crushers for Simben New portable crushing plant COMPRESSORS Silenced compressors from France Trance	A A A A B B	M207 J396 M613 J193 J293 J436 M313 M354 M550 J477	Opencast mining machinery from E. Germany Increased power for overburder belt conveyors Narvik's new one handling New belt acraper attracts interest High speed, rugged vulcaniser New conveyor roller DIESEL ENGINES Locomotives underground Advanced design diesel mining loco DRILLING Drilling for coal in western Pennsylvania prototype techniques for underground Advanced South African drilling achievement Twin-boom jumbo introduced in U.K. Rocomotives undergrom loose formations Drill rig for face drilling	A M M M M M M M M M M M M M M M M M M M	M119 J156 M217 J275 M307 M301 M313 M497	Canadian self-propelled jumbs bydraulic drill developments hew range of surface orill ribiamond core drilling Bugged crawler drilling Grawler drilling Grawle	igs i	IAAAMMM IAAAMMM IAAAMMM IAAAMMM IAAAMMM IAAAMMM IAAAMMM IAAAMM IAAAMMM IAAAMMMA IAAAMMM IAAAMMA IAAAMM	J335 J377 M497 J476 J106 J158 J217 J339 J401 J497 M535 J067 J27 J27
Methods and Mack Summer shutdowns Methods and Mack Assay Methods Automated sulphur analyser Australian analyser for miner processing Laseresing Laseresing based particle size analyser AUTOMATION Excavators with remote control BLASTHOLE DRILLING Large diameter blasthole drills for Kudremul India BLASTING & EXPLOSIVES Calcium nitrate solurrice Priming of large-diameter An Child of the Control Indian explosives developmen COAL TECHNOLOGY Agreement on Formcoke process	N IAA M M M M M M M M M M M M M M M M M M	J285 J295 J024 J353 M503 J396 I J084 I J175 I J084 I J175 I J084 I J175 I J084 I J175 I J084 I J175 I J175	COMMINUTION Control of crushing circuits South African-made crushers fo Sishen New portable crushing plant COMPRESSORS Silenced compressors from France Transportable compressor New U.S. range COMPUTERS Locomotives underground Improving mine evacuation Proving mine evacu	A A A A A A A A A A A A A A A A A A A	M207 J396 M613 J193 J293 J436 M313 M343 M364 M500 J477 H815	Opencast mining machinery from E. Germany Increased power for overburder belt conveyors Narvik's new ore handling facilities New cities and the second conveyor relier DIESEL ENGINES Locomotives underground Advanced design diesel mining loco DRILLING Drilling for coal in western Pennsylvania Prototype techniques for under second conveyor relier By the first difference of the coal second conveyor relief Twin-boom jumbo introduced in U.K. Recovering cores from loose formations Drimations D	A M M M M M M M M M M M M M M M M M M M	M119 J156 M217 J275 M377 M501 M313 M497 J009 M089 J102 J119 J119 J135 4 J156 J1 J213	Canadian self-propelled jumbo hydraulic drill developments hew range of surface orill ribiamond core drilling Bugged crawler drill Bits for soft formations Swediem smobile rig EDUCATION & TRAINING Cominco grant Shell/NCB cominco grant grant for mind fitters M. Sc. in mineral exploration Study plant for mine fitters M. Sc. in mineral exploration filtration Society awards Remo offerings Drilling techniques SME short courses SME short courses The manager's changing role ELECTRICAL EQUIPMENT Remote control systems Winder celectrification New cable plug and socket Circuit interruptor Locomotives undergroum.	i i i i i i i i i i i i i i i i i i i	MA IAA IAA IAA IAA IAA IAA IAA IAA IAA I	J335 J377 M497 J476 J106 J158 J217 J339 J401 J497 M535 J067 J27 J27
Methods and Mach Summer shutdowns Methods and Mach Assay methods Automated sulphur analyser Autorated sulphur analyser for miner processing Laser-operated particle size analyser Automation Excavators with remote contro BLASTHOLE DRILLING Large diameter blasthole dril India BLASTING & EXPLOSIVES Calcium aitrate slurrise Priming of large-diameter Anchowgule targe-diameter browning of the produce developmen COAL TECHNOLOGY	N IAA M M M M M M M M M M M M M M M M M M	J285 J295 BES J024 J353 M503 J396 J396 J397 J397 J397 J397 J397 J397 J397 J397	COMMINUTION Control of crushing circuits South African-made crushers for Sishen New portable crushing plant COMPRESSORS Silenced compressors from France Transportable compressor from France Transportable compressor New U.S. range COMPUTERS Locomotives underground Improving mine evacuation Program computes loading on rotating cylinders Orpheus planning system Computerised mine planning system CONVEYORS New compound for belt repairs Extending idler life Selze-resistant conveyor idle bearing Netasystems Netasystems Netasystems Tompound for belt repairs Extending idler life Selze-resistant conveyor idle bearing Netasystems Neta	A A A A A A A A A A A A A A A A A A A	M207 J396 M613 J193 J293 J436 M313 M364 M314 M314 M315 M314 M314 M314 M314 M314 M314 M314 M314	Opencast mining machinery from E. Germany Increamed power for overburder Narvik's new ore handling facilities New belt acraper attracts interest ligh speed, rugged vulcaniser New conveyor coller DIESEL ENGINES Locomotives underground Advanced design diesel mining locomotives underground Prilling for coal in western Pennsylvania Prototype techniques for under water drilling series South African drilling achievement Tun-boom jumbo introduced in U.K. Recovering cores from loose Novel 1 and 1 a	A A M M M A M M M M M M M M M M M M M M	M119 J156 M217 J275 M301 M313 M497 J009 J102 J119 J135 J119 J135 J119 J119 J119 J119 J119 J119 J119 J11	Canadian self-propelled jumbo hydraulic drill developments hew range of surface orill ribiamond core drilling Bugged crawler drilling Bugged crawler drill Bits for soft formations Swedieh mobile rig EDUCATION & TRAINING Cominco grant Shell/NCB cominco successive	y y	MA IAA IAA IAA IAA IAA IAA IAA IAA IAA I	J335 J377 M497 J476 J106 J158 J217 M283 J339 J339 J339 J339

World energy resources	N	J149		M M	W388 W388	LABOUR			MAINTENANCE & LUBPICATIO	OH	
1985-2020 Alternative energy	IA	J179 J179		IA	J339 J339			J012 J029	Wear-resistant materials at		1045
Coal and nuclear costs compared Emergency facilities at Zambian		J179	Papers sought on wining machinery	IA	J339	Bolivian mineworkers dispute	IA	J029	taconite shipping facility Saving maintenance costs by		J045
smelter	M IA	J212 J236	Papers sought on filtration "Giant" projects	IA	J339 J339	Productivity at last?	MW	J029 J041		11	M397 J378
Solar powered furnace?		J359	Troughed belt conveyor design seminar	IA	J361	Asarco agreement	IA IA	J048 J048 J048	Splicing kit for mine cables	M	J455
			Mining with backfill Call for Fluid Handling papers	IA	J361 J361	Utah carrier arrives	IA	J048	MECHANICAL HANDLING		
ENVIRONMENTAL CONTROL			Free trade and investment Uranium III	N	J369 J401	Chimbote emergency	IA	J048 J068	Ore handling in the Dzhezkazgan		
Environmental damage at Nabarlek	MW	J082	Politics, society and minerals	IA	J401	Employee cutbacks at Showa?	IA	J068	pits Narvik's new ore handling	D	M161
EPA moves threaten lead Cominco pollution charges	IA	J087	Marmin '78 Explosives and blasting	IA	J402 J402	No U.S. strike settlement	AI WM	J068 J081	facilities	A	M217
increased Lead bearings extended	IA IA	J087 J104	Australia's role Prospectors and Developers	IA	J402	Coal settlement nearer?	AI	J104 J104	METALLURGY		
Portable gas monitor	M	J119	Convention 11th Commonwealth Wining and	A	M437	Work contracts pending	IA	J104 J117	Swedish induction stirrers	M	J353
Underground waste disposal in U.K.	М	J212	Met. Congress International mining and	A	M457	Miners in the U.S. disagree	IA	J118 J123	Refuse in extractive metallurgy	D	M519 J476
EPA considers electroplating effluents	1A	J235	metallurgical exhibition France stages successful	A	M461	U.S.S.R. Kostamuksha dispute	IA	J123 J123	Pulp density measurement		1416
Monitoring Hg vapour concentration	М	M384	exhibition at Exponat Coal Technology '78	MIA	J415 J420	No sign of a coal settlement	MW	J134 J139	MINE COMMUNICATIONS		
Overpelt health charge Olin on pollution charge?	IA IA	J338 J338	Coalex II	IA	J420	Townsville threat	IA	J139	Improved system for shafts	М	J135
U.k. expertise for U.S. land restoration	IA		Spokane meeting Uranium III	IA	J420 J481	U.S. aid to copper workers	IA	J139 J140	Wine communication system for shafts	М	M377
baker Lake work restricted Wild in Alaska	Le	J397	Hazardous wastes Opencast mine equipment	IA	J481 J481		E	J140 M089	LUME HALFFINA		
Noise suppression for dump			Drilling and grouting Geological congress in Port-	IA	J481	Hopes for coal strike settlement	MW	J153	MINE HOISTING		
trucks Restoring arid mined land	M	J436 J456	of-Spain Papers for Ventilation congress	IA	J481 J481	Utah/unions confrontation continues	IA	J179	Range of French winches GEC winders for NCB	H TA	J007 J296
E.E.C. to reduce Pb in petrol Award for Texasgulf	IA		Sand, Gravel and Aggregate Cadmium II	IA	J481 J481		IA	J179	Improving mine evacuation Mobile single drum unit		M354 J395
Malaysia: Mamut pollution claims	TA	J496	Offshore Mineral resources RETC seeks papers	IA	J497 J497	coal strike	MW MW	J189 J190	mourie sangre urum usar	-	0000
			S.A. coal symposia Powder handling and processing	IA	J497	Bolivia relaxes controls	IA	J197	MINERALOGY		
EXCAVATORS & LOADERS			Ophiolites in Cyprus	IA	J497	Goldsworthy hit by strike Strike hits IOC	IA	J197 J197	Lamp for scheelite detection	М	J256
Increase in hydraulic shovel			Mining exhibition in Istanbul	18	1490	Deaths at Wankie Aussie wharfies abide by ACTU	IA	J197 J197	WINESAL DESCRIPTION		
productivity Versatile hydraulic excavator	M	J007 J044	EXPLORATION			Duval settlement SPCC strike postponed	IA	J197 J197	MINERAL PROCESSING		
New diesel L.H.D. with double bucket	M	M068	Cores recovered at depth using			Two killed at Impala refinery Utah stoppage	IA	J197 J197	Major Australian iron ore beneficiation plant	A	M046
Track-type tractor replacement Opencast mining machinery from	30	J084	small auger drill Financial model studies in	M	J120	Queensland: Utah suspends	IA	J217	New decantation technolgy New organic flocculating agent	D	M079 J213
E. Germany French excavators with rock	A	9119	mineral exploration	A	W195	Wages cut at SLM? Peru: miners strike	IA	J217 J236	Processing of copper sulphide	A	M332
breakers Front end loader series	М	W153	Mining activity in the Western World	A	M222	Dispute hits Olen deliveries	IA	J236	Removing manganese from	M	
introduced	33	J155	Brazil: exploration hold-ups? Uranium field testing kit	1/	J258 J313	Strike ends at Lucky Friday Goldsworthy workers go back	IA	J236 J236	effluents Fluidised bed electrodes	D	M384 M394
New-generation scrapers introduced	М	J212	Australians improve quality and expand use of Landsat			Vacancies at Chimbote Settlements for St. Joe	IA	J236 J263	Fluid flash calciner Lab-scale electrostatic	M	W500
New Japanese excavators in U.K. coal mine	м	J257	imagery	M	М383	Toquepala workers return Less from Corpus Christi	IA	J263 J263	Separator West German centrifuges	M	J456 J476
New Scooptram announced 9.6m ³ front end loader	M	J291 M380	Continuous sub-surface profilis technique	16	J355	Alba to cut back Peru: La Oroya, Ilo still out	IA	J263 J279	Mineral processing at		
Massive crawler for U.K. coal	M	M381	Subsurface seismograph Mineral discoveries and	M	J396	Trouble again in the Pilbara Khetri strike loss	IA	J279 J279	Stekenjokk W. German vibratory reactor	A	M591
kew scraper series Japanese excavators in U.K.	М	#505	exploration expenditure Thin section saw for rock	A	M430	Quebec: Asbestos Corp. settles Japan: ferronickel cutback	IA IA	J279 J279	for cementation	М	M613
coal mine Scraper power units	al hi	M507 M509	samples Discreet charm of the E.E.C.	M	M501 W J433	Tom Price strike ends	IA IA	J297 J297	OFFSHORE MINING		
Rear dump hauler introduced in U.S.	М	J455	Off-highway vehicle in Saudi Arabia	M	J437	Lock out by Hunosa Indian iron ore lay-offs	TA	J297	Prototype techniques for		
			Saskatchewan uranium exploration	A	M563	Copperbelt labour plans Brief strike at Blyvoor	IA	J297 J297	underwater drilling	M	M069
EXHIBITIONS & CONFERENCE	5		Metal detectors Radiometric prospecting	M	M617	Lorraine iron to halve work- force	IA	J297	Polish offshore programme Offshore technology	IA	J157 J217
Mineralogy of uranium deposits Magnesium in Spokane	1/		problems	D	M626	More for Malaysian miners Date to cutback	IA	J297 J297	Back to the bottom of the sea AMR reports progress	NIA	J225 J259
Geology of tin deposits	1/	A J089				Yugoslav mine explosion Hope in Belgian dispute?	IA	J297 J297	Sealaw: crabwise progress Red Sea search	NIA	J429 J495
Coal convention in St. Louis Solvent extraction/ion exchange	e 1/	A J089	FILTRATION			More trouble in Peru Strike at Khouribga	IA	J317 J317			
Uranium assessment Geochemical exploration	11	A J089	New disc pressure filter	id	J276	Japanese wages kept in check	IA	J317 J317	OPENCAST MINING		
Gold panning weekend? Energy policy	I		Mechanised filter press in U.K	. м	J353	Most Belgian workers return Improving mine evacuation	A	M354	Tyre handling truck	M	J007
Wining machinery - papers sought	1.	A J123	FLOTATION METHODS			White miners reject pay offer Wheal Jane rescue moves	MW	J331 J338	New mining equipment at Leipzig New techniques in copper mining	M A	J135 M111
Mechanical Handlers to meet Uranium exploration	11					Khetri strike over Last Belgian strikers return	IA IA	J338 J338	Opencast mining machinery from E. Germany	A	м119
Blasting practices Wastes disposal	I.	A J123	Recycling of flotation plant effluents	D		Emperor miners strike Ambrosia Lake settlement	IA IA	J360 J381	Cerro Verde Mining activity in the Western	A	W184
Pneumoconiosis at Sydney Pneumatics and Hydraulics at	1		Flotation of Polish copper ore Bulgarian technique for coarse grain and slime flotation	s D		La Caridad strike ends Brief halt at President Steyn	IA	J401 J401	World Mammoth aluminium dump trailer	A	M222 J256
Birmingham	I.		Processing of copper sulphide			Suits for Soviet miners?	IA	J401	Wire ropes for mine equipment	М	J257
Pneumotransport in California Environmental impact of mining	1	A J140	ores	A	M332	NUM at La Paz? Strike ends at Port Kembla	IA	J401 J420	Use of isotopes in lignite mining	M	из80
Mechanical handling design Precious metals	I	A J140				Gibraltar talks breakdown Peru - in trouble again	IA	J420 J420	PIPELINES		
U.K. Fluorspar meeting Oceanology at Brighton, U.K.	A M	M130 M150	GEOLOGY & ORE DEPOSITS			S.A. workers settle Advocate strike ends	IA	J441 J441	Epoxy-lined product for mineral	L	
Major tunnelling exhibition in Switzerland	58	M150	Devising a mining plan by			Pickets at Endako Strike action at Balmat	IA	J441 J441	slurries Wear resistant piping	M	J175 J355
International pneumatics and hydraulics exhibition	55		deposit modelling	D	M281	Strike action at Boss Strike action at Noumea	IA	J441 J441	Pumps for the mining industry	A	M569
Antarctics issues debated	1	A J160	GRAVITY METHODS			Hopes for a settlement	MW	J454	PNEUMATICS & HYDRAULICS		
Hydrotransport 5 U.S. uranium seminar	1	A J160	Gravity concentrator design as	nd		Uranium workers settle Queensland coal strike	IA	J460 J460			
Particulate control Geochemical exploration	1	A J160	operation	A	M033	Pennsylvania disputes Capper Pass shutdown	IA	J460 J460	Breaker for copper smelter Cylinders for off-highway	М	J176
Successful exhibition at Basle Extra space for AMC show	M	J192				UMW loses Sterns Proposed aid for Japanese	IA		vehicles Small hydraulic motor has	M	J176
Industrial Minerals Congress Investment constraints	N	J206	HEALTH & WELFARE			miners Utah miners' strike again	MW IA		mining applications Pumps for the mining industry	MA	M500 M569
Offshore technology Rock mechanics	1	A J217	U.K. hearing protector Soviet 'microclimate' suit	3		Gibralter out but Placer back	IA	J481		-	
Practical geostatistics	X.	A J217	Soviet microclimate, suit	3	J312	Skeleton staff at Lakeshore Reprieves for Craigmont, Orcha	n IA		POLITICO-ECONOMIC		
Seabed mining	1	A J217 A J217	INSTRUMENTATION			Trouble at Impala Force majeure by Utah Dev.	IA	J498	Japan reflates Mining products in 1978	N MW	J001 J003
Mineral exploration management Energy policy modelling	1	A J235 A J235	A new microphotometer	1	M134	Alcoa Australia dispute ends Inco workers reject contract	IA		U.N. mining finance debate Carter quizzes minerals study	N	J017
Exploration and development economics	1		Automated bomb calorimeters for coal lab.	or					group Shaping U.S. minerals policy	MW N	J021
Hong Kong congress Electra and Mining	1	A J263	Panels for mine control stations		M281				Bleak prospects for 1978 No new incentive	N	J037 J038
Mine ventilation Odour and noise control	I	A J263	Battery monitor for mine			LEACHING			U.S. base metal producers seek	N	J057
AIMEX '79 Australian Mining Show, 1979	1	A J263	vehicles Alitronic-electronic			U.S. work on improvements in	-		import curbs European mineral supply	MW	J059
nustralian mining Show, 1979	.10	M388	measurement	16	J494	leaching	D	M623	strategy	N	J077

Hope for Canada's miners	N	J097	John Taylor: mining entrepreneur			RUBBER & PLASTICS			Rear dump truck offers good		
Future metals' prices Living with Government	N	J098 J113		R	M061 M061				hauling	M	J256 J257
Internal settlement	NW.	J115	Explosives	R	M061		IA	J105	New mining tyres New ship loader	-	J257 J291
Economic truths for Zambia	N	J129		R	M062	Chute linings Saving maintenance costs by	H.	J291	Tyre chains for use at high		
Hope for the future Manitoba changes policy	MW	J134 J137	European mineral supply	N	J077	rubber	D	M397	speeds	M	J311
Energy thread	H	J149	Future metals' prices	N	J077 J098	New abrasion-resistant material		J415	Method of thawing frozen ore wagons	w	J312
NSW announces guidelines	IA	J159	Chalcolithic copper smelting	IA	J105	Truck linings for U.K.	M	J436	U.k. articulated dump truck	_	
India: sales liberalised	IA	J160	Surface mining atlas	IA	J105				range	M	J334
CRU forecast deepening depression	MW	J171	Surplus capacity forecast for aluminium	MW	J133	SAFETY			Pickands Mather's transport	IA	J360
China's expansion plans	N	J185	Factors affecting mine			Temperature sensing probe	M	J025	Offhighway trucks in coal		
Platinum - in better health	N	J186	feasibility studies	R	M139	Rockburst hazards in the	_	0020	mining	M	M505
Canal revenue for Cerro Colorado	IA	J214	Pump costs Conference: bacterial leaching	R	M139	Legnica-Glogow copper ore	_		Railway takeover started	MW	J413
Back to the bottom of the sea	N	J225	1977	R	W139	U.K. helmet approved	D	M079 J102	Europe-Africa highway Punta Quilla in Service	IA	J459 J459
Kruger Park controversy			E/MJ operating handbook of			Chemical products for mine use	М	J119	Troubles still for Zambian	A.M	0455
continues Financial model studies in	IA	J233	mineral processing	R	M139	Improving mine evacuation	A	M354	copper	IA	J498
mineral exploration	A	W195	World energy resources 1985-2020	TA	J179	Testing intrinsically safe	м	M376	Costs cut at Port Waratah Botswana coal waggons	IA	J498 J498
Control of crushing circuits	A	M207	Iron and manganese ores survey	IA	J179	equipment U.K. Coal Board to use new	M	M370	PCS need more wagons	IA	J498
Mining activity in the Western		M222	Coal and nuclear costs compared	IA	J179	rescue apparatus	16	J335	Tyre selection considerations	M	M615
World Oversupply to persist	MW	M222 J253	Columbium profile Alternative energy	IA	J179 J179	Mine rescue hoist for emergency					
Producers reduce output	MA	J253	A long haul to profitability	MM	J191	escape	M D	J395	TRANSPORT-UNDERGROUND		
Pakistani investment	IA	J258	The Mining Industry and the			Fires in S.A. mines	N	M517 J436			
Zinc suffers too Venezuela's ambitious plans	N N	J269 J270	Developing Countries A Diamond Driller reminisces	R	M265	Coal degasification drill	-	3430	New Finnish loader Haulage study	M	J063 J088
Still on a tightrope	N	J285	Electoplating: fundamentals of	n	m203				Solid-state mine shuttle car	M	J119
Royalties for aborigines	MW	J287	surface finishing	R	M265	SCREENING			Articulated trucks in ore		
Access to riches Gilding the dollar	MW	J289 J305	Canadian labour relations Climax updates information	IA	J317 J317	Circular motion units for U.K.	м	J213	mining Advanced design, flameproof	M	J193
Aluminium: the next five years	N	J305 J306	Nuclear techniques and mineral	IA	3317	Control of crushing circuits	Ä	M207	diesel loco	M	J231
Limits to fuel ownership?	MW	J309	resources 1977	R	M363				Versatile end dump truck	M	J312
Cultured growth	E	M291	Exploration and mining geology	R	M363	SHAFT SINKING			New mine locomotive	M	J313
Namibia: towards independence Growing pains	N	J325 J345	Gravity thickening theories: a review	R	M363	JIMI I JIMKING			Locomotives underground Solid-state mine shuttle car	M	M313
Silver in 1979	N	J346	Symposium on health, safety and			Robbins tests 24ft. dis. blind			New Finnish loader	м	J355
Free trade and investment	N	J369	progress	R	M363	shaft borer	M	M064	Longwall mining support vehicle	e 1/	M503
Turkish dilemma Fighting erupts in Zaire again	N	J370 J373	Pacific seafloor maps Publications from SME	IA	J382 J382	New techniques in copper mining Sinking dry shafts in competent	A	M111			
Deepening African crisis	N	J373 J389	Mineral deposits of Europe	IA	J400	waterbearing strata	D	M159	UNDERGROUND DEVELOPME	HT	
Avoiding future shortages	MW	J393	Advice from Engelhard	IA	J400	Spoil handling in shaft sinking		M284	SHOEITGING BETEEGTTE		
Soon may be too late	E	M407	Engineering analysis and	IA	.1400	South African cactus grab	M	J275	Tunnelling shield moves to		
Canadian uranium policies Mineral discoveries and	P	M411	computing Milling practice in Canada	R	1400 1492	Improvements in concreting	D	M395	Selby Poland: underground repair sho	H TA	J062 J066
exploration expenditure	A	M430	The relations between	**	=400	una co		MJJJJ	Hard rock tunnelling machine	b IN	3000
The application of system			granitoids and associated			TANATION & TABLETO			from Germany	16	M067
dynamics Metal price forecasting	A	M443 M469	ore deposits of the Circum Pacific region	R	M492	TAXATION & TARIFFS			Twin boom aerial platform	M	M067
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proposal Yugoslav coal production		J395 J396	Spain's largest Cu refining co. Copper shortfall	IA	J275 J275	Australian ruby find	IA	J433	Future of d-r of iron ore Ht. Newman sales	D	J250 W341
New U.S.S.R. deposits Legnica lignite	IA	J413 J413	Ilo copper: partial shipments	IA	J275 J276	GOLD			Qatar reduction plant opened Indian Iron Ore Board base	IA	J276 J294
More Japanese coal interests	IA .	J413 J415	Zambia to shift its trading	S	J277	More gold at Ok Tedi NZ gold venture to end	IA	J009 J010	broadened Yunnan iron ore and phosphate	IA	J294
Further important U.K. coal plans		M461	High grade Orchan finds? Loan for Atlas	IA	J293 J294	Indian gold auctions continue IMF gold auction	IA	J011 J012	finds India to process iron ore	IA	J331
Vietnem coal target Record for Dresser		J436 J437	CDCP concentrator to open and expand	IA	J294	Gold mine reopens Gold from Buckhorn	IA	J030 J049	Overseas? Direct reduction plant in Qatar	IA	J332
Indian coal shipments suspended World's largest mining	AI	J437	Cu. Au and Mo in Argentina	IA IA	J295 J312	Sales decline at gold auction Drilling at Hill 50	IA	J050 J063	Agglomeration and direct reduction	A	M359
operation		J450 J455	Japan Cu production to hold	IA	J313	India: gold auction price rises	IA	J077 J081	Guinea's Mifergui iron ore project	D	M445
China meets production target Japan: coal cutback planned Ulster steps up search	IA	J455 J469	Copper on even keel Thumbs down for U.S. copper	S	J316	Gold at Gulbarga?	SIA	J083 J117	Magnetite mining begins in		
Drayton coal venture Standard Indiana diversifies		J472 J472	Quotas Cipec agenda	N	J321 J325	Spargos encouraged Belt collapse disrupts	IA	J118	Erivoy Rog Bahariya development	IA	J396 J415
Daikyo Oil moving into coal Two Australian coal deals	IA	J473 J473	Good results from Roxby Downs	IA	J331 J331	Blyvooruitzicht Indian gold auction	IA	J118 J119	Improved Soviet magnetite ore concentration	D	N541
Sales of coal equity continue Opencast coal contract for	MA	J485	French Cu, Pb, Zn find Copper hunt in Colombia Chilean copper property to be	IA	J331	GSA gold auction New Fiji gold find	SIA	J121 J140	Iron ore deposits at Belinga, Gabon	D	M543
Murphy CAIL finalises Hunter Valley	IA	J488	U.S. copper move anticipated	IA	J332 J335	Placer gold to come on stream Blyvoor back to normal	IA	J141 J141	China iron ore contract New Sidbec subsidiary	IA	J456 J489
finance B.C. mineral output value up in		J507	Go-ahead for Copper Mountain, B.C.	P	M359	Ninth Indian gold auction Dollar support package GSA	IA	J142	Tunisian iron ore Brazil: 1978 iron export ore up	IA	J508 J508
'78 Polish production targets	IA	J508 J508	Roxby Downs reveals its importance	MM	J346	Placer gold from Ladue River.	S	J144	Ivory Coast iron ore	D	M63 5
Alberta coal lease sale A new Australian colliery	IA	J508 M560	Madrigal developments Noranda declares force majeure	IA	J351 J354	Yukon Telfer - an open pit gold mine	PA	M100 M106	KYANITE		
COBALT			Asarco declares 40% force majeure	IA	J354	Liberian gold-bearing gravels	IA	J158 J159	Cianita to proceed	IA	J332
Cobalt on the up again?	IA	J010	Non-currency factors A damp squib from Paris	NW	J356 J367	S.A. July gold production Discovery gold developments? U.S. gold auction	AI	J184 J185	LEAD		
Zambian cobalt Cobalt producers increase price	S	J051	Success at Trout Lake Khetri to reopen	IA	J375 J378	Record at Indian gold auction IMF auction affects gold and	IA	J186	No trend for lead AM & S plans for Port Pirie/	В	J012
More cobalt from Greenvale?	IA	J060 J080	Erdente operational Looking ahead in copper	IA	J378 J388	Hecate seeks new funds	SIA	J187 J201	Newcastle Lead in demand	IR	J030 J032
Cobalt sirlift Sozacom - more cutbacks on	IA	J080	Copper deposit in Karnataka Eastern Copper - second	IA	J3 93	Gold to be mined at Ity Bor precious metals in 1978	IA	J202 J226	Lead softens Lead little changed	S	J051 J067
cobalt Sharp rise for cobalt	IA	J160 J205	leaching plant Compensation for Sabah	IA	J394 J394	New Krugerrand sales record? IMF gold auction	IA	J227 J229	Firm opening for lead	S	J083 J103
Dearer cobalt Rustenburg cobalt plant	SIA	J229 J293	Japan beating copper forecast Copper records sought is Peru	IA IA	J3 95 J3 95	Mixed results at Larder Lake Timmins working contract	IA	J248 J250	Lead firm Lead and zinc also sag	S	J121 J144
The race is on Diamond drilling at Sonora	MW	J429 J454	Copper records sought in Chile Assrco to suspend Tacoma	IA	J395	Nsofu to re-open Work at Chadbourne to resume	IA	J275 J293	U.S. buying boosts lead Tisovak on stream	S	J162 J185
Finnish cobalt	IA	J489	operations Confusion for copper	IA	J396 J398	Imported gold for auction Sarawak invites gold tenders	IA	J294 J295	Lead and zinc remain in doldrums	S	J187
			Burma smelter start? Gaspe strike causing cutback	IA	J413	Gold sets new records Funds for Echo	SIA	J297 J312	Lead price influenced by copper Lead/zinc little action	S	J205 J229
COPPER			in deliveries Copper improves	IA	J416 J418	Blazing Star producing Higher S.A. gold production	IA	J313 J313	Potosi smelter news Lead exports only to communist	IA	J275
Indian state plans mineral increase	IA	J010	Pakistan's RDC seeks partner for Saindak	p	M465	GSA sells gold at record price Idaho gold search	SIA	J316 J331	countries Lead surges to new highs	IA	J276 J277
Sturgeon Lake closure forecast Ruth/McGill remain closed	IA	J010 J010	Saindak porphyry copper More ore at Norita	A	M484 J433	Encouraging gold values at Black Township	IA	J351	Lead boils over Yava to produce is 1979	SIA	J297 J312
More from RTM Copper remains weak	IA	J010 J012	Sar Cheshmeh smelter on stream in January	TA	J433	India suspends gold suctions Increasing the dosage	IA	J354 J369	Lead reacts further Lead and zinc follow tin	S	J316 J335
U.S. producers press case Iran: copper exports soon	IA	J021 J028	Malanjkhani copper project launch	TA	J436	Thunder Mountain-Canadian Superior agreement	IA	J375	Non-currency factors U.S. lead production up	SIA	J356 J377
Yugoslava in Burma U.S. Mint buya copper	IA	J029 J030	Mina Sur: production in May	TA	J436 J436	Singapore gold exchange opens Tourmaline-Elkhorn to come into	IA	J377	Lead uncertain Government aid for Yava	SIA	J380 J394
Copper stirring Rising price prediction	MM	J032 J042	Polish copper production up Oxygen boost for Furukawa	IA	J437 J437	production Venterspost fire	IA	J396 J396	Selling pressures - zinc follows lead	S	J398
Burmese copper project details U.S. Mint seeks more Cu	IA	J047 J049	More Zairean copper for Japan Andacollo development?	IA	J455	Anti-inflation package - gold erratic	S	J398	Pilot scheme to extract lead from dumps	IA	J414
Copper subsides Rokana leach plant deferred	SIA	J051 J063	Exxon rebuilds at Disputada Falling stocks and strike help	IA	J455	Progress at Pinson-Preble Cape Ray gold and silver	IA	J413 J413	Amax lifts Pb force majeure Indian lead tender	IA IA	J416 J416
Chilean copper mines damage Copper meets some resistance	IA	J064 J067	copper Poycott may hit copper	MW		Cape Ray gold and silver Comstock gold by mid-1979 U.S. gold production down	IA IA	J413 J414	Lead and zinc improve Pb and Zn in Greece	SIA	J418 J436
Palabora has problems too Tverrfjellet X - Norway's	P	M009	KHD to participate in Cerro Verde II	14	J471	First shipment to Venorca gold	IA	J416	Lead jumps on Soviet buying Lead retreats	S	J438 J457
highest mine Mining and extraction of copper	A	MO14	Teck in two B.C. copper-moly deals	IA	J472 J475	Gold setbacksilver breaks new ground	S	J418	Outlook for 1979 Further setback for lead	MW	J469 J475
at Lo Aguirre, Chile Bleida development details	A	M033 J079	Copper holds fast Tintina buys copper property	IA	J487 J488	Malartic mill reactivation Loan for Longos	IA	J436 J436	Lead picks up Price surge on refinery fire	S	J490 J501
Disputada declares force majeure	IA	J080	New shaft for Selebi-Pikwe Marubeni-Minero Peru agreement	IA	J488	Old gold Gold and silver at El Indio	IA	J437 J454	Trace barge on retinery time		0002
Atlas-Mitsubishi agreement Better for Asarco customers	IA	J081 J081	Quality control at Chuquicamats Progress at Recsk	IA	J488 J489	A more productive Emperor? Trial milling at Elandsrand	IA	J455 J467	LITHIUM		
Copper turns down U.S. copper producers 'injured'	S	J083 J099	China negotiating copper supplies	IA	J489	Texasgulf-Canadian Nickel gold project	IA	J471	Atacama lighium studied	IA	J064
Japan buys more copper Chilean earthquake damage	IA	J100	Interest in copper Flooding at Andina	SIA		Test milling at New Light	IA	J487 Jans	MAGNESITE		
minimal U.S. Mint purchases	IA	J100 J102	Yugoslavia boosts Cu exports Polish copper to Belgium	IA	J508	Australian gold study First gold from Elandsrand Placer start-up date announced	IA	J489 J489		IA	J377
Copper holds fast Views on copper	S	J103 J109	Construction continues at Carr Fork More on WMC prospects	P	M559 M560	Happy Christmas for gold Canadian gold mining companies	MF	J501 J510	Mineral developments in Baluchistan and Punjab	IA	J394
Work continues at Ok Tedi Three month stoppage at	TA	J117	The Vuonos mine	A	M581	IRON			Japanese Mg record Indian magnesite	IA	J437 J471
La Disputada Opposing influences for copper	1A S	J120 J121	DIAMONDS			Bad news for IISCO?			MANGANESE	8.00	
Aid for Panama copper contested Sieroszowice development	IA	J140	CSO sales boosted Diamond interest maintained	MW		Canadian company in Montana Turkish iron ore find	IA	J010 J028	Offshore search	TA	J063
underway Copper finds increasing support	S	J141 J144	Lesotho diamond discovery	IA	J047 J079 J099	EISC Seeks equipment Sudan iron ore estimates	AI	J028 J030	Ocean Minerals build test plant		J293 J314
Copper mining in China Growing copper exports and	D	M167	CSO raises diamond prices Excitement continues down-under	TA	1101	Russians to develop Kholzun BSC orders dragline	IA	J047 J048	India to supply Europe with Mr Yugoslavia boosts manganese output		J508
Japan July copper production		J153	Jones in diamond hunt in WA New lease of life for Premier	IA	J140 M101	W. German plant uses Norwegian	IA	J050		***	0001
down Copper loses ground	S	J159 J162	Prospecting for diamonds North West Mining goes east	A	M117 J183	Soviet sources of iron ore Indian iron ore target	P	MO11 MO83	MERCURY		
Aid for Mt. Lyell Michiquillay frozen	IA	J183 J183	Cultus Pacific in W. Australia Western diamond search moves	TA	J201	Australian iron ore sales to Saudi Arabia	IA	J080	Mercury demand in U.S. Spanish mercury	S	J067 J398
Philippine copper forecast Force majeure on cathodes	IA	J185 J185 J187	South More claims for Hagma/NW Mining	IA	J225 J248	Dravo: more work at Cape	Al	J081	New mine for Almaden	IA	J413
Purther unrest helps copper Copper in Montana Wilderness	IA	J201	Metramar joint venture Progress report from Ashton	IA	J293 J308	U.S. benefits from protection Cliffs Robe River wins	IA	J081 J093	HOLYBOENUM		
Underground work finished at Detour	IA	J201 J201	Koingnass alluvial diamond mine Ashton - diamonds for the	P	M357	concession	TA	J099	Noly in demand Pakistan moly find	N	J130 J140
Go shead for Cerro Colorado Sozacom to lift force majeure?	TA	J203	patient optimist	MM	J345	Zulia development legislation Landslide at Kudremukh Kaiser trading subsidiary	IA	J099 J100	New interest in Australian	IA	J158
Copper drifts lower Exace place to reconstruct	S	J205 J225	Southland/Audimco diamond venture Quarterly results from Ashton	IA	J351 J375	farmed Interest in Ivory Coast revives	IA	J100 J117	Yukon molybdenite "encouraging" U.S. Borax held up	IA	J183
La Disputada Indian copper	IA	J225 J226 J227	Otter-Samantha agree with AS	IA	J393	Currency strength upsets Japanese	HA	J135	New moly plant for Placer Climax to reopen Kitsalut	IA IA	J202 J248 J249
SPCC lifts force majeure Copper supply factors	S	J229 J246	Wining "Big Rose" on show	TA		Inauguration of pellet plant Price reduction necessary	IA	J159 J177	Colby negotiating drilling funds	IA	J375
Oil rush blows out? China seeks Japanese help	IA	J248	FLUORSPAR			Isobr to seek private help Japanese order for Goan iron	IA	J177 J183	Vestor interest in Carmi Quests to go underground	IA	J375 J376
Chile steps-up copper isvestment	IA IA	J248 J250	S.A. to raise fluorapar output	IA	J202	ore BSC pellet plant on stream	IA IA	J203	Large moly deposit for Tintina Drilling at Setting Net Lake	IA	J413 J413
Kennecott contract for Jacobs Ametalco-Amax Copper combine	IA	J250 J252	Pianciano fluorite Pakistan fluorite developments	A	14203	Japan-Vietnam iron ore cooperation		J225 J226	SEC investigates Mt. Emmons Questa contract	WW	J449 J488
Quiet copper	0	0.000		4.00			- 00			- 00	

NICKEL			SILVER			TUNGSTEN			Sea access needed for Nabarlek uramium	7.4	J3
New Caledonia nickel - and			Speculative interest reviving	MA	J023	Another mine for Beralt	MW	J004	Search for uranium deposits in Ireland	p	M3
Bad news for N.C. shippers		J010 J081	Silver refining at Kellogg Durango expansion	IA IA	J028 J029	Tungsten property programme Bulk sampling at Red Lake	IA	J009	figer uranium production and	-	
oan for Nepean development ew Caledonia nickel - and	IA	J226	Mexican mint gives stronger			Mt. Pelion progress Mt. Pleasant encouraging	IA	J048 J064	Westinghouse uranium rulings	IA	
cobalt	IA	J010	IMP auction affects gold and	MM	J137	Indian tungsten find	IA IA	3079	Ranger ready for off Uranium exploration in Spain	MW	
oan for Nepean development	IA IA	J081 J226	Silver eases	8	J187 J205	Pacific Copper-St. Joe wolfram		J101	Royal agreement on Yeelirrie uranium	IA	
	IA	J312 J331	Chevron exploration plans Philippines silver and gold	IA	J225	agreement Wolfram mining at Mount Carbine	IA P	J142 W103	Mitsubishi-Getty Mexican		
erro Matoso finance	IA N	J376 J405	Torres top?	IA	J226 J396	Risby WO ₃ explorations BOC to purchase Torrington WO ₃	IA	J225	venture Bear Creek uranium boost	IA	
hangani goes underground	IA	J414	Gold setback silver breaks new ground	S	J418		IA	J313 J332	Increased uranium reserves in Brazil	IA	J
	IA	J416 J436	Drilling at Upsalquitch		J454		D	M445 J393	Drilling for uranium at Negemos Another Getty contract	IA IA	J
lescheduling Greenvale debt	IA	J436 J473	Sabina announces small high grade find	IA	J507	Dankoe finds tungsten	TA	J454 J471	Uranium ore price rise	IA	J
	LA	3413	SODA ASH			Torrington ownership changes	IA	J472	Contract for United Nuclear Blizzard tonnage increases	IA	1
IL			CEDC support for Thai soda ash				MM	J483	Joint venture for Utah uranium Way clear for Sweetwater	IA	
low progress at Athabasca rowing pressure for higher	MA	J005	project	IA	J275	URANIUM			Uranium Agnew Lake switch	IA	
price	MA.	J060 J410				Enough for now Mundong Well report	HW	J004 J009	Uncle Sam recovering Uncertainty continues at Ranger	IA	
apan/Canada oil sands project	IA	J473	TANTALUM			Further drilling by Conwest JV Another Key Lake programme	IA	J028	uranium	P	1
Price rise agreed	MA	J483	Worldwide survey of tantalum			Survey for Pacific Copper Mesa Portales report	IA	J028 J028	Rossing Uranium Uranium: sums still difficult	A	. !
PHOSPHATE			deposits	D	M165	Ranger sales soon?	IA	J030	Anaconda finds uranium Other Australian runners warm	IA	
Loan for Turkish phosphate			TIN			Yeelirrie impact statement Union Corp's new uranium mine	MM	J041 J041	HIP	MW	
purchases Greek phosphate sampling	AI	J011 J047	Further work on tin prospect Tin slides lower	IA	J009 J012	More for E.E.C. uranium Duddridge Lake follow-up	IA	J047	Landsat data shows uranium and diamunds	IA	
Environmental controls on			Impediments to production Brass Bottle on C & M	MW	J022 J030	IMC uranium plans	IA	3048	Oregon uranium prospect Hunting and Essex study U	IA	
Florida phosphate Outlook for Bu Craa	MM	M009 J076	Tin marks time	S	J032	Towards uranium market stability Cutting legal teeth for owner-	R	J057	potential	IA	
Phosphate tender invited Israel Chemicals investments	IA	J119 J141	Good news from Malaysia Tin sags after Buffer Stock	IA	J047	ship	MW	J060	No more Federal funding for uranium reconnaissance	IA	
Syria-Austria phosphate talks Occidental-Poland deal	IA	J141	decision Thailand tin ventures	SIA	J051 J063	More work at Johann-Beets Uranium potential	IA	J063 J065	IMC contracts all its uranium Uranium trading without	IA	
British help for phosphate	IA	J142	Malaysia: lease renewals awaited	TA	J064	Setback for Rossing uranium	P	M007	proliferation Nabarlek agreement signed	MW	
mining in Pakistan Fugoslavia: first phosphate	IA	J183	Tin fairly active	S	J067	Australia hits back at restrictive trade	MW	J075	Kerr-McGee: uranium progress		
minm Loan for Valep	IA	J184 J202	Mt. Arthur plans production Kigali development underway	IA	J079 J080	Cenex mine plans approved Blizzard report	IA	J076 J079	and plans Japanese pay more	IA	
FFC reviews market outlook Phosphate in U.S.S.R.	WH	J219 J248	Tin marks time Indian state's Sn, Cu	SIA	J083 J099	Uranium in N.E. India Quebec uranium find	IA	J079	Growing reliance on African uranium	MW	
approval for Idaho phosphate			Mixed news from Endeavour	IA	J101	Contract for IMC	IA	J079 J081	Westinghouse uranium saga		
plans Earth Sciences phosphate deal	IA	J249 J250	Tin improves Dredging for tin	IA	J121 J141	French uranium permits granted Westmoreland follow-up	IA	J099	continued Australia - EEC nuclear	MA	
Ocean trade & transport of	A	M279	Rise in warehouse stocks - tin wilts	S	J144	Lilco funds for Bokum	IA	J101	safeguards? Vaal Reefs' plans	IA P	
phosphate rock Beker in Mazidagi	IA	J332	Tin output and exports decline GSA tin and tungsten sales	MW	J144 J155 J160	Partnership line-up for Yeelirrie	MW	J112	Uranium mining in Niger	D	
Tenders for a phosphate mine Tenders for treatment plant	IA	J355 J355	Tin fairly active	S	J162	More Saskatchewan U30g finds Egyptian uranium/thorium find?	IA	J117 J117	VANADIUM		
Finance for Jordan Fertilizer	IA	J377 J416	Wheal Jame's future awaits report	IA	J184	Mt. Taylor find Brinco reports	IA	J117 J117	Wundowie underway Billiton plant to close?	IA	1
Proterozoic and Cambrian			Tin at new 1978 peak Up, up and away	S	J187 J196	Earth Sciences sales	IA	J119 J140	Revival at Hot Springs	IA	1 .
	A	M497	Temco invitation to private dredgers	IA	J203	Uranium finds at Straight Shot Red Desert still interests	IA	J140	ZINC		
Egypt: phosphate development	IA	J488 J489	Uncertainties help tin	S	J205	U.S. uranium sales to Taiwan Niger's growing role in uranium	IA	J142	MacDonald awaits higher zinc price	I	A
	14	2402	Malaysian Mining Corp. bypasses Penang Lurgi in Thailand	MW.	J217	mining A view of the Uranium	P	M100	Zinc: relief in sight Zinc strings along	8	
PLATINUM			Lurgi in Thailand China and gin	IA	J226 J227	Institute's symposium	A	M138	Improvement noted	MI	
U.S. P.G.M. sales rise	IA	J011 J032	Tin's strength maintained Bolivian tin production down	SIA	J229 J250	Ranger uranium crosses final hurdle	MW	J153	Zinc resists Zinc: new role for ROK	S	A
PGM: sterling prices lowered Boston Bay needs finance,			U.S. congress stirs tin	S	J252	SMDC ups Key Lake stake Nidwest finds larger	IA	J158 J158	Zinc follows suit Zinc uncertain	S	
contracts Rustenburg lifts platinum price	IA	J048 J162	Short-term profits spell long- term decline	MW	J265	Japanese foreign uranium			Zinc on a switchback	S	
Precious metals please Stillwater promising	NIA	J213 J225	Tin and wolfram mine shaft to			subsidiaries Settlement on Ranger	IA	J158 J158	Corpus Christi to resume Norita reserves revised	I	A
Potential platinum boost	IA	J293 J297	be opened Tin rallies	IA	J274 J277	Ranger stalls on take off More drilling at Westmoreland	MW	J175 J183	Obuto mine closure Lead and zinc also sag	S	
Platinum sets new records Platinum marches on	S	J316	Feasibility study for Hemerdon Thailand to build tin dredge	IA	J293 J293	Uranium exploration in	XA	J183	Lead and zinc also sag Zinc confinues to wallow Lead and zinc remain in	S	
Precious metals and the dollar influence	S	J335	Tin makes the running again Tin tipe £7,900	S	J297 J316	Co. Tyrone New uranium mine for Gas Hills	IA	J184	doldrums	S	
Tevangulf - platinum process	IA	J377 J407	Rescue in sight for Wheal Jane?	MW	J327	Red Desert uranium - more delay Midwest Lake find biggest in	IA	J186	Canadian zinc production Zinc finds new life	S	A
Rustenburg to expand production	mw	3407	Tin surges ahead New tin smelter for Thailand	S	J335 M357	Canada	IA	J201 J201	Lead/zinc little action Whashin buys NJZ interest in	S	
POTASH			New Malaysian tin venture State acquires leases	IA	J351 J367	Uranium leaching permit granted Indian uranium and confirmed	YA	J201	Thai Zinc Irish zinc plant stalled	I/	
Dead Sea potash progresses	TA	J117	KPSB involvement with Berjuntai		J377	Ranger decision reversed again Western Deep extends uranium	IA		Zinc strengthens on producer		
Montana/N. Dakota potash coice	IA	J201 M186	Tin falls back Tin: now and later	N	J380 J385	plant Uranium shortfall warning	IA	J202 J219	price news Zinc blende process	S	
Expansion at Rocanville Prorationing proscribed	MW	J308	Wheal Jane agreement Rooiberg to construct tin	IA	J393	Powerco-Shell uranium search	IA	J225	Vibrating reactors in zinc hydrometallurgy	D	
Another 25 years at Hobbs Mitsubishi-Arab Potash	IA	J378	amelter Bolivian mineral production	IA	J393	Ranger still uncertain New slurry system for Kerr	IA		Whashin difficulties	IA	
agreement	IA	J397 J488	down	IA	J396	McGee Intercontinental Energy at	IA		Indian offers to buy N. Korean zinc	IA	A
Potash reserves tax upheld APC marketing arrangements			Indonesian tin Tin reversal	S	J396	Zamzow U308 recovery plants planned	IA	J227 J248	Producers raise zinc prices Lead and zinc follow tin	S	
complete Longwall potash mining in		J489	Bolivian mineral export control Comibol tin concentrate sales	IA	J415 J416	Plans for Yeelirrie uranium			Continuation of En production cutbacks recommended		
Alsace	D	M640	Further fall for tin Tin bounces back	8	J418 J438	outlined New uranium mine for OFS	P	M181 M183	Permission to build at	IA	
			Reaction for tin	S	J457	Details on Elliot Lake Uranium search in Cornwall	IA		Ballylongford sought Zinc confident	IA	1
RARE EARTHS			Local ores for Mensa's new plant	IA	J473	Ranger: Oenpelli people to			Japanese smelters beating forecast for zinc	IA	
Expansion at Mt. Pass	IA	J101	Indian tin tender Tin out of favour	IA	J473 J475	decide Uranium developments gather	IA		Selling pressures - ginc		
			Sprinkel registers Carnon Consolidated	IA	J488	uranium walkabout	MA	J289	follows lead Clarksville zinc soon	SIA	
RUTILE			Tin steadier	S	J490	Mining permit for U.S. Energy Go-ahead for Earth Sciences	IA	J293	New processes attract interest	0	
Jennings cuts back Sri Lankan rutile production	IA	J049 J397	Wheal Jane study results Tin mining in U.S.S.R.	IA	J507 M640	IMC uranium sales	XA	J295			
was a served blonner you		2001	HUIHATIT	-		Moroccan uranium and lignite Wyoming uranium exploration	IA	J312	Loan for Mexican zinc refinery Outlook for 1979	IA	
SALT			Titanium: poised for growth	N	J194	Beaverlodge uranium projectinew Bill Smith closes	B IA	J312	Bula development next year?	IA	
W.A. salt developments	IA	J030	Titania Sri Lankan ilmenite conversion	A	M364	Japanese uranium purchases	IA	J313	ZIRCONIUM		
New mining technique at Borth	A	M374	Richards Bay behind schedule	IA		More IMC sales Midwest Lake uranium excitement			Zirconium plant in Utah		١.

Countries

AFGHARISTAN		ALBARIA		ALGERIA				
Aid sought for industry	WW J198	Albania's new nickel mine	IA .3473	Bechtel at Gar-Djebilet	1A J050	Algerian prospects Algerian iron ore study	H	M151 M299

ANGOLA				Western diamond search moves	IA	J225		AUSTRIA			Base metals at Upealquitch		J158
Benguela reopening? Angolan mining study	IA IA	J0	048	Ranger still uncertain	IA IA	J225 J226	5	Mining at Mittersill	D	H445	Soquem interest in Wilco Dispute threatens ore transport Newmont tackles Copper Mountain	IA IA	J158 J160 J174
Benguela reopening threatened Benguela railway finally opens	IA IA	J3	355 375	Loan for Nepean development Loan for Hamereley Collinsville coal contract	IA	J226 J227	6	BOLIVIA			Yukon molybdenite "encouraging"	IA	J183 J183
Angola mining plans	HW.	MS	109 513	TDM production bonus Utah strike	IA	J228	8		MA	J060	Inco free to strike	IA	J184 J186
	H		155 823	Australian move endangers jobs Closing ranks	IA	J228	6	Bolivian copper	H H I A	M061 M149 J250	Midwest Lake find biggest in Canada	IA	J201
ARGENTINA Argentine aluminium		M	061	More claims for Haoma/NW Mining Japas to survey S. Aust, copper Slow growth in Australian bauxite	IA IA	J248 J248	8	Potosi smelter news Bolivia accuses U.S. of	H	M304 J275	Hecate seeks new funds Saskatchewan mineral study Underground work finished at	IA	J201 J201
Argentina seeks foreign capital New Argentine port	H		080 151	Plans for Yeelirrie uranium outlined	P	M181	1	economic aggression Transport problems worsen	IA	J275 J309	Detour Canadian sinc production down	IA	J201 J202
Argentina's 2nd d-r plant on atteam	IA		250	Seltrust joins diamond rush CRA starts bulk sampling	H	M304	4		H	J333 M428	Risby WO3 explorations U.S. Steel out of Bathurst Canadian asbestos figures	IA	J225 J225
Cu, Au and Wo in Argentina D-R plant on stream	H	M	312 513	Cape Lambert expansion Australian cosl prospect	H	M3 04	16	Bolivia resumes minerals shipments	IA	J355	Saskatchewan potash sales to China	IA	J227 J227
Argentine mineral study	H	-	513	MKU ups output W.A. beach sands Australian vanadium	H	M304	14	Bolivian miners reject 35% Bolivian mineral production	IA	J378	Le cri de coeur Mixed results at Larder Lake	WW IA	J245 J248
AUSTRALIA				Goldsworthy advances closure	H	M304		down Bolivian mineral export control		J396 J415	Climan to reopen Kitsalut Timmins working contract	IA IA	J249 J250
Mundong Well report Further work on tin prospect	IA	7	1009	date Ranger: Oenpelli people to	H	M304		Bolivia resumes mineral		J473	Alberta coal project Expansion at Rocanville	PA	M183 M186
Australian states extend powers Hyundai investment unconfirmed	IA	J	1009 1010	decide Ulan-Newcastle rail link	IA	J274	4		H	W617	Hudbay buys Tanco Getty joins U search	H	M304 M304
Canberra throws out resources	IA		7010	Gladstone expansion plans Mt. Newman sales	IA	J278	6	BOTSWANA Air Products plant for Botswana		1000	New aluminium smelter under construction	MW	J266
IAC looks at Woodsree? Moura coal: mystery buyer	IA	J	7010 7011	TDM contract with Shell Uranium walkabout	IA	J276 J289 J290	19	Airborne magnetic survey in		J227 J454	Details on Elliot Lake Kotcho Creek encouraging	IA	J267 J274
Burra changes hands Pilbara Council launched	IA IA	J	0011 0011 0028	Metramar joint venture Aluminium smelter for NSW Strike hits coal exports	IA IA	J293 J293	13	New shaft for Selebi-Pikwe		J488	Banks and credit unions reduce	IA	J276
Amax drops Vickery option HT self-governing Obstacles for Tahmoor	IA	J	1028	Mitsubishi buys Australian lead bullion	IA	J296		BRAZIL			the squeeze for Inco workers	Al	J276
AW & S plans for Port Pirie/ Newcastle	IA		7030	Progress report from Ashton Australia and W. Germany in	MA	J301		Finance for Trombetas Brazilian aluminium project	IA	J048 M061	Uranium developments gather steam High grade Orchan finds?	MW	J289
Gold mine reopens	IA	J	7030 7030	Arco coal move	IA	J313		Brazilian aluminium project Another Brazilian pellet plant Brazilian Mn mine changes hands	H	M061 M063	Work at Chadbourne to resume Go-ahead for Earth Sciences	IA	J293 J293
W.A. salt developments Brass Bottle on C & M Ranger sales soos?	IA	1	J030 J030	BOC to purchase Torrington WO Bucket-wheel system for	IA	J313		CVRD sells more Capacity increase at Valesul	WE	J076 J141	Saskatchewan coal policy Gibraltar lockout ends, strike	IA	J293 J294
Norway buys BHP Felin Yeelirrie impact statement	IA	1	J031 J041	Goonyella Australia - mineral exports	IA	J314	4	Brazilian bauxite Caraiba contract	H	M149 M149	begins Noranda sells B.C. properties	IA	J294 J295
Iron ore coal renegotiations Diamond interest maintained	MW	J	J042 J047	control Esso shows interest in Golden	MA	J325	15	Albras/Alunorte established Inauguration of pellet plant	H	W151 J159	Prorationing proscribed Beaverlodge uranium project	MW	J308
Wundowie underway Mt. Pelion progress	IA	1	J048 J048	Grove Good results from Roxby Downs	IA	J331	1	Brazilian iron ore for China	IA	J202 J203	Yava to produce in 1979	IA	J312 J312
Jennings cuts back Kyushu: Australian purchases	IA	1	J049 J049	Alcoa to begin work on Wagerup Agnew opening	IA	J331	1	Trombetas loan Cianita to proceed	H	M303 J332	Funds for Echo Alcan unofficial strike	IA	J312 J314
Norwich Park contracts Utah dispute continues	IA		J050 J050	Vietnam buys Australian coal Huge NSW coal find	H	J332	9	Brazilian trade mission to China	IA	J333	Gaspe strike Sidbec pact	IA IA	J314 J314
More trouble in Queensland Drilling at Hill 50	IA		J050 J063	More aid for Mt. Lyell More Ashton diamonds	H	M429	1	Valesul enlarged	H	M429 M429	Inco shut-down Great Lakes strike?	IA	J314 J315
Queensland anthracite development?	IA		J064 J065	Trial mine on stream Loan for Nepean	H	M431	1	Pellet plant opens Increased uranium reserves in	H	M429 J393		IA	J325 J333
Port Kembla EIS Miners go back at Utah Robe River dispute	IA		J066 J066	Australian copper NSW coal search Tin mine on c & m	H	M431 M431 M431	1		IA	J397 M513	Go-ahead for Copper Mountain, B.C.	P	M359
Timely development WMC finds sulphides	E	1	M003 M059	Canberra's firmer grip on	N	J342		Shell plans 35% share in	IA	J433	U.S. Steel quits Bathurst Plans for Alberta longwall mine	H	M428 M428
WMC finds gold Endeavour buys tin mine	H	1	W059 W059	Amhton - diamonds for the patient optimist	MA	J345		Valesul Trombetas sale Brazil: 1978 iron export ore up	NW	J503 J508	Encouraging gold values at Black Township	IA	J351
New Australian Al smelter project	H	1	M059	Roxby Downs reveals its importance	169	J346		Brazil-Poland trade agreement	IA	J508 M617	Sudbury strike has sweeping effects Rabbit Lake commuters	IA	J354
Australia hits back at restrictive trade	HW		J075	Southland/Audimco diamond venture	IA	J351		BURMA			Success at Trout Lake Vestor interest in Carmi	IA IA	J370 J375 J375
Diamond search in NSW/WA Mitsubishi extends NSW prospec	t IA	١.	J079 J079	Ranger ready for off Quarterly results from Ashton	IA	J361	7	Yugoslavs in Burma	IA	J029	Second string at N.B. antimony mine	IA	J393
Nebo, Hail Creek seek markets Aboriginal revenue to be taxed	IA	1	J079 J079	Royal agreement on Yeelirrie uranium	IA	J370		Burmese copper project details Burmese copper plans	IA H	J047 M301	Tungsten find	IA	J393 J393
Mt. Arthur plane production More cobalt from Greenvale?	IA		J079 J080	Utah settlement Development funding for	IA	J37	8	Burma smelter start?	IA	J413	Government aid for Yava Yukon mines need power	IA	J394 J409
Australian iron ore sales to Saudi Arabia	IA	k .	J081	infrastructure Otter-Samantha agree with AS	MW	J38		BURUNDI			Blizzard tonnage increases Cape Ray gold and silver	IA	J413 J413
Dravo: more work at Cape Lambert Westmoreland follow-up	IA	A.	J081 J099	Mining EL 675 granted to Cultus	IA	138		Burundi nickel	H	M513	Large moly deposit for Tintina Drilling at Setting Net Lake	IA	J413 J413
Cliffs Robe River wins concession	1/		J099	Eastern Copper - second leachin plant U.SAustralia safety agreement	IA	J39	14	CANADA			Agnew Lake switch Manitoba mine royalties cut	IA	J413 J415
Port Waratah fire Wixed news from Endeavour	I		J100 J101	U.K. looks to Australia for uranium	IA	J41		Slow progress at Athabasca Tungsten property programme	IA	J005 J009	Gaspe strike causes cutback in deliveries	IA	J416
Robe River strike ends Strikes at Moura and Kianga	I.A	A	J102 J102	Uncertainty continues at Ranger uranium	P	M46		Bulk sampling at Red Lake McAdam reports	IA	J009 J009	Canadian mining impact Granby buys Bell Copper	H	J417 M511
Partnership line-up for Yeelirrie	MI		J112	Proterozoic and Cambrian phosphorites	A	M49		Toodoggone for Asarco MacDonald awaits higher zinc	AI	1009	Work starts on Al amelter Progress for Amok B.C. molybdenum	H	M511 M511
Tough budget Excitement continues down under	w Mi	W	J113 J114	Mitsubishi joins Ulan project Torrington equity deal	H	M51 M51	15	price Sturgeon Lake closure forecast	AI	J009 J010	The Budget - some joy for miners	H	M511 J429
Tamminex encouraged Another Seltrust venture	I.	A	J117 J117	Renison plans expansion Alumax smelter study	H	M51	15	Further drilling by Conwest JV Another Key Lake programme	AI	J028	More ore at Norita Cyprus expands in Yukon	IA	J433 J433
Spargos encouraged Oaky Creek contract	I	A	J118 J119	Australian ruby find Rescheduling Greenvale debt Bucket wheel order for O & K	IA	J43	36	Survey for Pacific Copper Soquem joins Muscocho	IA	J028 J047	Malartic mill reactivation Precious metals force majeure?	IA	J436 J437
Weipa strike TDM force majeure	II.	A	J120 J120 J140	Australian mineral producers want a free hand	IA	J43		Diamond drilling at Kathleen Lake	IA	J047 J047	Westfield Winerals' uranium find	MA	J450
Jones in diamond hunt in WA Pacific Copper-St. Joe wolfram agreement	I I		J142	Other Australian runners warm	MA	J44 J45		Duddridge Lake follow-up Land for Eskimos Boston Bay needs finance,	IA	J048	Drilling at Upsalquitch Dankoe finds tungsten	IA	J454 J454
Australian orders for Gullick Dobson	1	A	J142	Landsat data shows uranium and	IA	J45		contracts Labrador City working again	IA	J048 J050	Golden Gate tests new chrysotile zone	IA	J454
Opal mining at Lightning Ridge Wolfram mining at Wount Carbin	P P		M101 M103	Aurukun talks fail Point Henry expansion	IA	J45	55	Cutting legal teeth for owner-	MA	J060	Placer buys Kennecott's Goosly interest Encouraging results for Assmers	IA	J454
Telfer - as open pit gold miss AWAS developments	H		M106 M151	A more productive Emperor? Australian contract for	IA	J45	55	More work at Johann-Beets Utah interest in Chetwynd?	IA IA	J063 J063	No more Federal funding for uranium reconnaissance	IA	J471 J471
More aid for Mt. Lyell Robe River stockpile agreement	H		W151 W152	Weserhutte Drayton coal venture	IA	J45	56 72 •	Plans for Judy Lake Mt. Pleasant encouraging	IA	J063 J064	Teck in two B.C. copper-moly deals	IA	J472
Ranger uranium crosses final hurăle	M	w	J153	Torrington ownership changes Two Australian coal deals	IA	J47	73	Denison loses uranium deal New start for Canadian gold	H	M063	Japan/Canada oil sands project Tintina buys copper property	IA	J473 J487
New interest in Australian molybdenum	I		J158	Accident at Queensland collier; Sales of coal equity continue	MM	J47	85	projects Cenex mine plans approved	MA	M063	Eldorado increases stake in Conwest	IA	J487
Settlement on Ranger CRA releases Ashton report	M.	W	J158 J174 J175	Changes in Ashton ownership Nabarlek agreement signed	IA	J48 J48	87	Blizzard report Quebec uranium find	IA	J079 J079	More drilling at Faro MacDonald seeks damages	IA	J487 J488
Ranger stalls on take off Major new coal field discovery Price reduction necessary		M	J175 J175 J177	Power for Gladstone Australian gold study CAIL finalises Bunter Valley	IA	J48		Nore Saskatchewan U3Og finds Burnt River budget increased	IA IA	J117 J117 J117	Shell to boost B.C. budget Potash reserves tax upheld	IA IA	J488 J488
North West Mining goes east	I	A	J183 J183	finance Australia - EEC nuclear	IA	J50	07	Brisco reports Plans for Abitibi Asbestos continue	IA	J117 J117	Sabina announces small high grade find	IA	J507
Otter-Arco agreement Aid for Wt. Lyell	1	A	J183 J183	safeguards?	IA	J50 W56		Norita reserves revised Earth Sciences sales	IA	J118	B.C. mineral output value up in	I A	J507
Hamereley back to normal Levy on high earners	I	A	J186 J197	A new Australian colliery Ranger agreement at last	P	M56 M61	60	Placer gold from Ladue River, Yukon	P	J119 W100	'78 Alberta coal lease sale	IA	J508 J508
Cultus Pacific in W. Australia Ranger decision reversed again	e I		J201 J201	Go-shead for Wagerup Yeslirrie royalties	H	M61 M61	17	Placer gold venture Craigmont delays closure	H	W149 W149	Canadian gold mining companies Alberta oil sands	H	J510 W619
CQCA goes underground Australian nuclear safeguards	1	A	J202 J203	Coal conversion project Arco seeks new coal interest	H	W61	17	Canada in coal contracts SMDC ups Key Lake state	MW IA	J155 J158			
Bundaberg Sugar buys coal mine Stacker for Loy Yang Mitsubishi invests in coal	X	A	J203 J203 J217	Bucket-wheel excavator for Goonyella	B	W61	17	Newmont to develop Copper Mountain	IA	J158	CENTRAL AFRICAN EMPIRE C.A.E. diamond search		M058
	*		3411	Agnew opening	-	M61	17	Midwest finds larger	IA	J158	dominant service	-	=000

HILE			CZECHOSLOVAKIA			GHANA			Malanjkhuni copper project launch	IA	J436
tacama lithium studied	EA.	J064	Czechoslovakia coal production			Ghana smelter losses	H	M151	Indian docks strike called off	IA	J436
hilean copper mines damage ining and extraction of copper	EA	J064	up New railway in Czechoslovakia		J202 J355	GREECE			Indian coal shipments suspended Indian chrome ore		J437
at L. Aguirre, Chile isputada declares force	A	M033	Indian sales to Czechoslovakia	IA .	J397 J437	Arab finance for Greek alumina,					J456 J471
majeure	A	J080	· · · · · · · · · · · · · · · · · · ·		0431	asbestos		J029	Indian tin tender		J473
hilean earthquake damage minimal	A	J100	DOMINICAN REPUBLIC			Greece: alumina plans	IA	J047 J099	Agreement between Zambia and India		J508
bree month stoppage at		J120	UN to fund Dominican mineral	IA .	71.00	Greek proposals for alumina	н	M152			M621 M623
rowing copper exports and			Rosario contract completed	IA	J185	Greek phosphates	E	M301			MORO
labour unrest		J153 J186	UN aids Dominican survey	H	M428	Pb and Zn in Greece Greek gold	H	J436 M621	INDONESIA		
apan to rescue Minera Sagasca?	IA	J202	DUBAI						Indonesian coal boost Aluminium facilities to proceed	IA	J118 J135
ore talks at Chuquicamata	AI	J203	Dubai-W. Germany contracts	IA	J142	GUINEA			Canada in coal contracts	MM	J155
La Disputada	IA	J225				Guinea's Mifergui iron ore project	D	N445	West German finance for Indonesian Al smelter	IA	J184
nami denationalisation postponed		J226	EGYPT			Guinea looks westward	N	J446	Nickel plant complete	IA	J312 J313
eothermal power for Chuqui?	IA	J226	EISC seeks equipment Egyptian iron ore find	H	J117 M429	GUYANA			Indonesian coalfield study	IA	J331
investment	AI	J248	Tenders for treatment plant	IA	J355 J415	Guyana plans minerals expansion	u	M063		H	J333 M431
Snow disrupts La Disputada Chilean lithium studies	H	M303 M303	Bahariya development Egypt: phosphate development	IA	J488	Loan for Guyana bauxite					J396
Chilean lithium studies Expansion at El Teniente?	H	M304	EIRE			development	IA	J436			
Chuqui: preliminary wage agreement	IA	J276	Strike at Tynagh	IA	J031	HONDURAS			IRAN		
Thile denationalisation question	TA	J294	Eire: geophysical profiles	IA	J063	Prospecting in Honduras	IA	J117		IA	J028
Chile copper and moly sales to		J295	Irish uranium progress Work begins at Aughinish		M061 J099	Honduras antimony search	H	M429	Iranian study nears completion Japanese alumina for Iran?	IA	J063
China Chilean copper property to be			Messina exercises Irish option	IA	J140 J142	HONG KONG			Iranian copper	H	M301 J312
sold New Disputada plant?	IA	J332 M428	Irish barytes mine to re-open? Aeromagnetic survey for Ireland	IA	J201	P.S. to the Hong Kong			Skips for Iran	IA	J333
Enacar to reduce workforce by			Tara strike ends Irish zinc plant stalled	IA	J203 J249	Conference	A	M126	Anaconda evacuation? Sar Cheshmeh smelter on stream	IA	J394
2,800 Copper records sought in Chile	IA	J378 J395	Work begins at Aughinish	H	M301 J274	HUNGARY			in January	IA	J433
Chilean experts to Zaire?	IA	J414	Hunting search completed Aughinish financing completed	IA	J274	Further development at Borsod	IA	J100		H. MM	J484 M623
Chile raises copper investments Chile postpones		M511	Tara request for aid Mitsui to study Irish zinc	IA	J293 J294	Hungarians continue at Kutch Hungarian aluminium	IA	J118 J202			
denationalisation Anaconda goes back to Chile	H	M513 J433	Search for uranium deposits in			Hungary: new bauxite operations	IA	J248	IRAQ		
Mina Sur: production in May	IA	J436	Ireland Messina committed to Navan	P	M361	Progress at Recsk	IA	J489	New railway for Iraq	IA	J333
Gold and silver at El Indio Andacollo development?	IA	J454 J455	study	H	N431	INDIA			ISRAEL		
Exxon rebuilds at Disputada	IA	J455	Permission to build at Ballylongford sought	IA	J375	Indiau state plans mineral			Israel Chemicals investments	IA	J14:
Boycott may hit copper Quality control at Chuquicamata		J468 J488	Mitsui to study Irish smelter	н	M513	increase	IA	J010	Israeli phosphate/potash	H	M51
Flooding at Andina Chile coal sackings	IA	J507 M619	Aughinish financing complete	H	M513	Bad news for IISCO? Indian gold auctions continue	IA	J010 J011	ITALY		
Chile coal sackings	11	MOID	Bula development next year?	IA	J507	Indian vermiculite find?	IA	J047	ENI hunts for ores	IA	J00
CHINA			EL SALVADOR			Indian coal fire Sales decline at gold auction	IA	J049 J050	Uranium search in Italy	H	M06
U.S. equipment for China	IA	J011	Gold/silver plans	В	M149	Indian mica workers strike	IA	J066	Raise boring at Boccheggiano mine	и	M06
Krupp/Demag for Chinese mine Slow developments in exploiting	IA	J031		-		Hungary to study Indian alumina plans	H	M061	Italian minerals search	H	M15
minerals	MW	J041	FINLAND			Indian copper find Uranium in N.E. India?	H	M061	Italian fluorite Pianciano fluorite	H	M15
China to build aluminium refinery?	н	M061	Cuban-Finnish agreement New Finnish harbour	IA	J048 J065	Indian tungsten find	IA	J079 J079	Italy and the U.K. collaborate	IA	J48
Chinese aluminium imports to		J080	New Finnish company	IA	J456	GSI reorganised Indian iron ore target	IA	J079 J080	IVORY COAST		
grow? U.K. invited to assist in	IA		Finnish cobalt Finland: meeting the challenge	IA	J489 M565	NSC buys Indian Mn/Cr	TA	J081	Interest in Ivory Coast revives	TA	311
Chinese coal projects	MW	J093 J118	Finnish mining practice	A	M571	India: gold auction price rises Indian state's Sn, Cu	IA	J081 J099	Gold to be mined at Ity	IA	J20:
Japan to assist Chinese coal Krupp/Demag to plan PRC coal	H	M151	Kemi - an open pit chromite mine	A	M577	Landslide at Kudremukh India: coal import exemption	IA	J100 J102	Ivory Coast nickel, iron ore Ivory Coast iron ore	H	M42 M63
Copper mining in China	D	M167	The Vuonos mine	A	M581	Gold at Gulbarga?	IA	J117			
Tin output and exports decline Japan buys Chinese coking coal	IA	J159	FRANCE			Hungarians continue at Kutch Indian gold auction	IA	J118 J119	JAMAICA		
Shopping around for expertise Brazilian iron ore for China	IA	J1 97 J203	French uranium search	Н	M301	Bauxite in Kerala	IA	J140	Little compensation for Revere	IA	
Saskatchewan potash sales to			French U joint venture	H	M301	Ninth Indian gold auction Mandovi to benefit from	IA	J142	Jamaica No. 2 bauxite producer From Alcan Jamaica to Jamalcan	MW	J24
China China and Japan extend trade	IA		French open pit mine planning techniques	D	M333	Japanese surplus Hunger strike in Calcutta	IA	J142 J143	Jamaica Gypsum Co. closure Jamaica-Nigeria commodities	IA	J31
agreement China and tin	IA	J227 J227	French Cu, Pb, Zn find	IA	J331	Indian copper/tin find	H	M151	agreement Alcan and Jamaican government	IA	J33
Bulis run into China shop	MW	J243	France signs agreement with Peru	IA	J332	India: problems remain Indian investment to increase	N	J149	agreement	P	M46
China seeks Japanese help U.K. to aid Chinese coal mines	IA P	J248 M181	France signs agreement with China	IA	J332	coal production	IA	J159	Jamaican bauxite output up	IA	J45
Chile copper and moly sales to	IA		Equipment Minier and Joy	IA	J395	Record at Indian gold auction Indian uranium find confirmed Indian coal officers' strike	IA	J186 J201			
China Indian iron ore to China?	IA		(France) Growing reliance on African	IA	2322	Indian coal officers' strike Indian offshore search	IA	J202	JAPAN		
U.K. aluminium to China Yuwman iron ore and phosphate	IA	J314	ununtum	MM	J503	disappointing	IA		Cobalt on the up again?	IA	J01
finds	IA	J331	Brittany ore find Longwall potash mining in	H	M621	Indian copper Indian chrome export	IA	J226	Contract for Associated		
France signs agreement with China	IA	J332	Alsace	D	M640	restrictions	IA		Manganese Lurgi licence for Nippon Kokan	IA	
Brazilian trade mission to			GABON			Indian coal import plan Indian offshore research	IA		Iron ore coal renegotiations	30%	JO
China Seeks foreign copper		J333	Offshore port for Gabon	IA	J065	vessel? Rumania to buy Indian iron ore	IA		Japan: further aluminium cuts? Hokkaido reorganisation?	14	A JO
expertise Chinese contract for	H	M431	Iron ore deposits at Belinga, Gabon	D	M543	Indian tungsten find	H	M303	Kyushu: Australian purchases Mitsui plans cutbacks	I/	A JO
Metallgesellschaft/Lurgi	IA		GERMANY (EAST)			Indian uranium finds More power to GSI	H	M303	Kyushu buys more coal	I.s	A Jo
Brazil/China trade agreement Foreign equipment for Chinese	IA					India hit by floods Roof collapse at Khas Kajora	IA	J275	Japan: painful adjustment Japan buys more copper	N Id	J0 A J1
coal industry	H	M515	East Germany-Mozambique gold agreement	IA	J141	Indian coal: imports and lease			Japan to assist Chinese coal	1/	A J1
Japanese mission to China? China meets production target	IA	J455	GDR tin smelter	H	M152	abroad Indian offers to buy N. Korean	14	J276	Personnel cuts at Sumiko Currency strength upsets	L	
China iron ore contract	IA		GDR potash/Indian iron ore GDR looks far east	IA	J379 J397	zinc	IA		Japanese Obuto mine closure	MY	
Metallgesellschaft hoping for Chinese purchases	IA	J456	GERMANY (WEST)			Four Indian coal projects Imported gold for auction	I		Japanese coal production targe	t II	
China's mining expansion Chinese bauxite	MW	J467	Bonn accord	N	J037	Indian Iron Ore Board base broadened	I/		Mandovi to benefit from Japane surplus	se I/	
China negotiating copper		J489	W. German plant uses Norwegian	P	M011	Indian iron ore to China?	1/	J295	Japanese foreign uranium		
supplies Dowty factory for China		J489 J508	pellets Dubai-W. Germany contracts		M011 J142	India to step up copper import India changes Al pricing	I I	J295 J313	subsidiaries Japan July copper production	1/	A J1
			West German finance for Indonesian Al Smelter	IA		India to supply Europe with Mn	I	J314	district.	1/	A J1
COLOMBIA				1.6	0104	India to process iron ore overseas?	I	J332	Japan buys Chinese coking coal Japan and U.S. uranium	I	A J1
Copper hunt in Colombia	1/	J331	Short time working at lead	IA	J186	Indian iron ore sales to Taiwa India suspends gold auctions	n I/	J332	enrighment services Relief for aluminium smelters	I/	
Cerro Matoso finance	1/	J376	W. German zinc cuts	H	M301	indian chromite find	IA	J375	Japan to rescue Minera Sagasca		
Cerro Watoso: financial detail Colombian copper hunt	a I/	J436 M617	Australia and W. Germany in coal conversion study	IA		Khetri to reopen No production yet at flood-hit	IA		Shrinking operations at		A J2
	п	-011	New mining technique at Borth	A	M374	BL 5/4/B	IA	J378	Japan concerned about		
CUBA			RTZ to buy German plant? Tripartite deal on coal			GDR potash/Indian iron ore N. Koreans seek new markets	IA	J379	ferrochrome imports Japanese order for Goan iron	I	A Ja
Cuban-Finnish agreement	I		liquefaction	IA		Copper deposit in Karnataka	11	J393	ore	1	
Cuba pays with nickel Belgians to build Cuban plant?	H	J416 W617	Reprieve for Giulini Dodging the Third World World's largest mining	MA		Indian sales to Czechoslovakia GSI mapping/exploration plans	14	J413	Japanese alumina for Iran? Japan-Vietnam iron ore	I	
			World's largest mining operation	N.		Indo-Nepalese magnesite ventur- Indian docks strike	e I/	J414	cooperation? China and Japan extend trade	I.	A J2
CYPRUS			RTZ buys Duisburger Kupferbütt	te IA	J455	Indian lead tender	I	J416	ARTHUMENT.	I	
	E		Price surge on refinery fire	36.8	J501	Eries separators for India Kerala bauxite find	B	M515	Freezing Al smelters	1	IA J:
Mineral search in Cyprus Cyprus minerals search	H	W621	Getting tough offshore						Japan to survey S. Aust. coppe		

Japanese uranium purchases Contract for Kobe Indonesia buys Japanese dredge	IA IA IA	J313 J313 J314 J333	Namibian uranium Rossing Uranium Namibia: election enigma Strike at Rossing	H A N IA	M058 M466 J465 J507	Peru miners vote against strike resumption British grant for Peruvian exploration	IA	J354 J375	Crushers for Samancor S.A. to double exports Doorsfontein obtains option Higher S.A. gold production	IA MW IA IA	J296 J309 J312 J313
Kawasaki joins Amax in chromium	Н	W431	NEPAL Indo-Nepalese magnesite			Cuajone miners threaten strike Copper records sought is Peru Cuajone strike averted	IA IA	J378 J395 J416	Francen recommendations Koingnass alluvial diamond mine Iscor puts coal project on	IA	J314 M357
forecast for zinc Japan beating copper forecast	IA IA	J395 J395 J397	NEW ZEALAND	IA	J414	Strike at Cuajone KHD to participate in Cerro Verde II	IA	J456 J471	offer Extension for WDL plant Asbestos mill opens	H	M429 M429 M429
More Japanese coal interests No more from Nagoya	IA IA	J413 J414	Otter: still interested in Pyke	IA	J009	Cuajone miners suspend strike Marubeni-Minero Peru agreement	IA	J473 J488	Rooiberg to construct tin	IA	J393
Japanese mission to Oman,	MF	J419 J436	NZ gold venture to end		J010	France aids Peru study Peru survey grant Peruvian expansion	H	M617 M617 M619	Joint Vereeniging-Armco chrome venture Venterspost fire	IA IA	J393 J396
Japanese mission to China? Japanese Mg record	IA	J436 J437	HICARAGUA			PHILIPPINES			Venterspost fire "Big Rose" on show SA coal board?	IA	J414 J415
Daikyo Oil moving into coal	IA IA	J455 J473 J489	Cyclone seeks finance Asarco seeks rights in		J047	Philippine gold Placer gold to come on stream	HIA	M061 J141	Rustenburg to build cobalt plant Work starts on Vaal Reef shaft	H	M513 M513
Japanese pay more	MM	J501	Nicaragua Asarco in Nicaraguan search? Nicaraguan gold	H	J183 N428 M429	Joint Philippines coal venture Philippine copper forecast Australian nuclear safeguards	IA IA	J159 J185 J203	Good progress at Rietspruit Fire at Vaal Reefs kills 41	H	M513
JORDAN Phosphate tender invited	IA	J119	NIGER	-		Philippines silver and gold CDCP concentrator to open and	IA	J226 J294	miners Trial milling at Elandsrand Developments on the Bushveld	MW	J467
Jordan uranium study Finance for Jordan Pertilizer	HIA	M151 J377	Niger's growing role in uranium mining	p	M100	expand Marinduque debt restructured Another Getty contract	IA	J351 J393	UG2 reef Richards Bay behind schedule Accident at President Brand	IA IA	J469 J473 J473
U.K. dragline for Jordan	IA	J456	Niger uranium production and reserves	IA	J354	Loan for Longos Placer start-up date announced	IA	J436 J489	Fire at Western Areas First gold from Elandsrand	IA	J474 J489
Hyundai investment unconfirmed	IA	J010 J064	Niger uranium reserves Uranium mining in Niger	D	M623 M632	Philippines U search POLAND	H	M623	South African installation Vaal Reefs' plans S.A. chrome deal	M P H	J506 M560 M623
Lead exports only to communist	IA	J249	HIGERIA			Sieroszowice development	IA	J141	S. African iron ore	H	M623
N. Koreans seek new markets	IA IA	J276 J379 J471	Jamaican-Nigeria commodities agreement	IA	J332	Occidental-Poland deal Polish colliery progress	IA	J142 J159	SPAIN Nore from RTM	IA	J010
LESOTHO	In	2411	HORWAY			Polish credit extension for Bor Expanding coal production Legnica lignite	IA MW IA	J249 J371 J413	Spanish copper expansion plans Spain's largest Cu refining co.	H EA	M299 J275
Lesotho diamond discovery		J099	Norway buys BHP FeWn W. German plant uses Norwegian pellets	P	J031 M011	Polish copper production up Polish production targets	IA	J436 J508	Uranium exploration in Spain New mine for Almaden Local ores for Mensa's new	IA	
Rumanian interest in Lesotho	IA	J140	Tverrfjellet - Norway's highest	A	W014	Polish copper to Belgium Brazil-Poland trade agreement	IA	J508 J508	plant Japan to buy Spanish aluminium		J489
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Liberian gold-bearing gravels Liberian gold prospect	IA	J158 M429	Smelter plan postponed	H	N431	Panasqueira plans Portuguese sulphides	H	M061 M301	Sri Lanka ilmenite conversion	IA	
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Impediments to production Good news from Malaysia Malaysia: lease renewals	IA	J022 J047	Some mineral promise	IA MW	J010 J043	Strikers killed at Mangula Shangani goes underground	IA	J120 J414	Swaziland coal find	Н	M151
awaited Malaysian bauxite production	H	J064 M061	Miners go back at SLN Bad news for N.C. shippers Work continues at Ok Tedi	IA IA	J066 J081 J117	RUANDA			SWEDEN		
Malaysian Mining Corp. bypasses Penang Short-term profits spell long-	MA	J217	New Fiji gold find 70% profits tax in Papua	IA	J140	Kigali development underway	IA	J080	Ronnakar shutdown?	IA	J080
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profits tax cut New Malaysion tin venture	IA	J351	PAKISTAN			Rumanian lignite Rumania to buy Indian iron ore	IA	J227 J250	month Boliden halts production at Ronnskar	IA	
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MEXICO			Aid for phosphate hunt	H	M515	Singapore gold exchange opens	TA	J377	U.S. uranium sales to Taiwan Indian iron ore sales to Taiwan	IA IA	J142
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Mexican silver plans Mitsubishi-Getty Mexican venture	H	M303 J376	Aid for Panama copper contested	IA	J140	Recruiting programme succeeds	ми	J004	More problems on Tazara	IA	J029
Torres top? Good climate for Mexican mine	IA	J396	Go shead for Cerro Colorado Loan for Cerro Colorado	H	J201 M429	S.A. diamond cutting expansion Timely development Palabora has problems too	IA E P	J031 M003 M009	Plans for East African mineral centre Mineral Centre underway	HIA	M058
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Bleids development details	IA	J079	PERU Priorities		1001	Blyvoor back to normal	IA	J141 J141	Thai Zinc setback? New Thai iron study	H	J063 M061 M061
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MOZAMBIQUE	H	M623	Michiquillay frozen Force Wajeure on cathodes	IA IA	J183 J185	Koingnaas opened Pomfret replaces Koegas South Africa to raise fluorspar	IA	J184 J197	Thai mining plans Whashin difficulties CEDC support for Thai soda ash	HIA	M303 J274
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E. Germany-Mozambique gold	IA	J099 J141	SPCC lifts force majeure Back to work at Marcona Centromin reprieve for	IA	J227 J228	New uranium mine for OFS Ergo progress African hotpot	PH	M183 M299 J261	Thai mining regulations New tin smelter for Thailand Thai zinc	IA P	J294 M357 M431
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*****		J023 W007	Ferm Wichiquillay frozen Wadrigal developments	AT H AL	J332 M428 J351	Kleinkopje on-stream S.A. plan to treble coal exports Belt filters for Buffels	IA IA	J294 J294 J296	TUNISIA		

TURKEY			Buyer for Wheal Jame? New fluorspar processing plant	H	Me	619	Oneida closure	IA	J275 J288	Soviet work on improving		
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Anglesey expansion stalled Big order for NEI cranemakers U.K. to aid Chinese coal mines	IA	J225 J251	U.S. copper producers 'injured' Coon-Can production commences Expansion at Mt. Pass Lilco funds for Bokum	IA IA	3	101 101	funds Thunder Mountain - Canadian	IA	J375	VIETNAM.		
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a hydropneumatic hammer	D	MD45	New P & H mining shovels New large hydraulic excavator	H	J025	CONEXPO '81 Looking back at Las Vegas	A	J509 M613	Australian move endangers jobs Freezing Al smelters	AI	J228 J228
COMPRESSORS			Diesel-powered, crawler-mounted machines	10	J062	EXPLORATION			Centromin reprieve for militants	IA	J228
Screw compressor	м	J391	Successful rear dumper Effective overburden loading	1	J078 J115	Helium analysis service The Arabian-Nubian Shield	M A	J062 M047	Operations training Chuqui: preliminary wage	A	M265
U.K. Public Works Congress and exhibition	A	M505	New excavators use controlled frequency drive	M	M157	Exploration drilling work in			agreement Banks and credit unions reduce	14	J276
			Suspended axle scraper O & K and Wabco equipment	M	M157 M158	France Novel approach by U.K.	M	J078	the squeeze for Inco	IA	J276
COMPUTERS			Foster acquires chain manufacturer	IA	J227	consultants Prospecting for diamonds	MA	J115 M117	Gibraltar lockout ends, strike	IA	J294
Computers for pit design	D	¥446	High capacity, rugged coal hauler		J291	A probabilistic basis for ore reserve statements	A	M142	begins Comibol offers 35%	IA	J295
CONVEYORS			Largest hydraulic mining shovel by O & E	м	J373	New tool for U308 Portable spectrometer	H	J157 J199	Franzsen recommendations Alca- unofficial strike	IA	J314 J314
Flexible idlers	м	J007	New Bucyrus-Erie walking dragline	М	J391	Las Vegas '78 Portable radon detector	A	M222 J311	Gaspe strike Sidbec pact	IA	J314 J314
Device for repairing small holes	м	J046	U.K. Public Works Congress and exhibition	A	M505	Instrument widely used in U exploration	н	J329	Inco shut-down Great Lakes strike?	IA	J314 J315
Third 60-m overburden conveyor bridge	М	J062	Huge bucketwheel for lignite	36	J431	Rotary/diamond core drill Thermal infrared linescanning	M	J330 M398	Operator training Sudbury strike has sweeping	E	M353
New Soviet loader-transporter complex	D	M081	EXHIBITIONS & CONFERENCE	-		Portable element analyser Coal exploration drill	M	M439 M439	effects Peru miners vote against strike	TA	J354
Stronger, easy to use belt fastener	м	J157	The Arabian-Nubian Shield		M047	Improved system aids search for	H	J350	resumption Workers return at Beauharnois	IA	J354 J354
Contracts for Weserbutte Belt splicing tool	IA	J185 J223	"Small" scale mining Interflow '78	IA	J081 J081	uranium Mobile drill	H	J411	Rabbit Lake commuters Utah settlement	MW	J370 J378
U.Kmade belting for Germany Expansion at Rocanville	MA	J247 M186	Cadmium meeting at Cannes Bulk handling	IA	J081 J081	FILTRATION			Bolivian miners reject 35% Enacar to reduce workforce	IA	J378
Crawler-track mounted mobile conveyor	М	M309	Sampling systems for on-line analysers	IA	J082		м	J223	by 2,800 Cuajone miners threaten strike	IA	J378 J378
10km long conveyor belt for Arizona	и.	J349	Prepex '79 Precious Metals III	TA.	J082 J082	Filter has mining application Vaal Reefs orders 12 belt			Pit deaths at Bentley - production halted	IA	J415
Overland conveyor contract for Robins		J379	Uranium evaluation and mining AIME: San Francisco meeting	IA	J120 J120	filters	IA	J250	Indian docks strike Cuajone strike averted	IA	J415 J416
			Cornish Mining and Metallurgy			FLOTATION METHODS			Vital experience	E	M457 J436
DIESEL ENGINES			meeting Meetings at Reno	IA	J120 J120	New method uses intermittent air supply	и	J470	Indian docks strike called off Strike at Cuajone	IA	J456
Improved diesel engines DREDGING	м	J452	Environmental Engineering symposium	TA	J120	GEOLOGY			Inco and union ready for talks Three-year pact for	IA	J456 J456
		M117	Geochemical exploration P.S. to the Hong Kong	IA	J120	The Arabian-Nubian Shield	A	MO47	Falconbridge Comibol's offer accepted	IA	J456
Prospecting for diamonds		WILL	Conference A view of the Uranium	A	M126	A probabilistic basis for ore reserve statements	A	M142	Cuajone miners suspend strike Bolivian strike ended	IA	J473 J473
DRILLING			Institute's symposium Rock Mechanics symposium	A	M138 J160	Finland: meeting the challenge	A	M565	Strike goes on at Balmat Sex discrimination in the U.S.	IA	J473 J474
New rock drill demonstrated	М	J045	Coal preparation plant Mineral resources potential	IA	J160 J161	HEALTH & WELFARE			Strike at Rossing LEACHING	IA	J507
Automation and optimisation in hydraulic drilling Rotary drill heads	A	M038	British exhibits at Baghdad Fair	IA	J161	Health and safety at Paie Vert Lighting below ground	IA	J276 M386			
Pits for minerals exploration	H	J116 J157	ACEC energy conference Concrete in tunnels	IA	J161 J161	Measuring sound levels in mines	M	J453	In situ leaching Landusky ore amenable to heap-	IA	J158
Boart agreement with Hughes Down-the-hole hammers	M	J160 J221	ECE mining meetings Fertilizers conference	IA	J161 J161	INSTRUMENTATION			leaching	IA	J351
"Spring Rod" drilling system Improved bit design	M	M437 M439	Fifth NCMR conference First tungsten symposium Soil mechanics and foundation	IA	J161 J204	Vibration sensors Speed switches for equipment	M	J116	MAINTENANCE & LUBRICATIO	ON	
U.Kmade drills for opencast and underground	м	J349	Soil mechanics and foundation engineering	IA	J204	monitoring	М	J470	Service vehicle for mines	D	M083
Hydraulic rock drill U.K. Public Works Congress and	М	J411	Gravity separation Coal conversion	IA	J204 J204	LABOUR			Portable battery-operated lamp Containerised workshop for	D	M086
exhibition	A	M503	Non-ferrous metals forum Mechanical handling	IA	J204 J204	Recruiting programme succeeds	MW	J004	servicing drills	М	J247
EDUCATION & TRAINING			Pneumoconiosis U.S. nonfuel minerals policy	IA	J204	Pilbara Council launched Capper Pass dispute ends	IA	J011 J011	MECHANICAL HANDLING		
B.C. and Yukon Mining School	IA	J186	Prepex '79	IA	J204	Strike at Tynagh NJZ starts talks	IA	J031 J031	Telescopic crane	н	J007
Practical geophysics Rossing Foundation initiation	IA	J186 J186	WFC reviews market outlook	MW	J204 J219	S.A. diamond cutting expansion Alcoa dispute	IA	J031	Phosphate handling plant at Aqaba	36	M319
Precious metals economics course	IA	J186	Close encounters at Las Vegas Las Vegas '78	A	M177 M222	Utah dispute continues More trouble in Queensland	IA IA	J031 J050	Large wheeled bulldozer U.K. Public Works Congress and	18	J392
No takers for mining engineering	IA	J186	Las Vegas - stage for mining equipment	M	J268	Mitsui plans cutbacks	IA	J050 J050	exhibition	Α	M509
Operations training Tunnelling course	A	M265 J296	Report from Las Vegas Communications workshop	AI	J288 J296	Call for ambestom safeguards Labrador City working again Miners go back at Utah Miners go back at SLW	IA	J050 J050	METALLURGY		
Mine enviroments Operator training	IA	J334 M353	AMEME meetings Bulk solids	IA	J296 J296	Miners go back at SLN Indian mica workers strike	IA	J066	System for smelting platinum		
Vital experience	E	M457	Extractive industries and conservation Civil engineering by-products	IA	J296	Alcoa agreement?	IA IA	J066 J066	group metals Mobile plant for metal recovery	M M	J078 J156
FI ECTRICAL EQUIPMENT			and waste	IA	J296	Bolivian miners' demand	IA	J066 J082	Fluidised bed electrolysis Vibrating reactors in zinc	M	M313
Giant floodlighter for opencast			U.E. mining equipment body plans 1982 show	M	J310	Strike hits Tara Utah dispute resumed	IA	J082 J082	hydrometallurgy Substitute materials for Al	D	M339 J431
mining Explosion-proof connectors	M	J098 J223	Processing phosphate rock Offshore investigation	IA	J315 J315	Indian mica workers return Peruvian miners strike	IA	J082 J082	HINE COMMUNICATIONS	_	0401
Magnetic separation of sinerals		M211 M386	IMM meetings Interpipe '79	IA	J334 J334	Strike disrupts refined metal shipments	MW	J095	Telephone for coal mines	и	M437
Lighting below ground			Numerical methods in	IA	J334	Utah settlement controversy Tara closure	IA	J102 J102			
Magnetic separation of minerals Lighting below ground			geomechanics								
Lighting below ground			Book mechanics Geoexpo 80	IA	J334 J355	Robe River strike ends New Jersey Zinc agreement	IA	J102 J102	MINE HOISTING		
ENERGY Geothermal power for Chuqui?	IA	J226	Book mechanics Geoexpo 80 IMM-AIME conference in 1980 Development of the steam	IA	J355 J355	New Jersey Zinc agreement Strikes at Moura and Kianga 30-hour week for more Russian	IA IA	J102 J102 J102	MINE HOISTING New winder order for Robey of Lincoln	И	3007
ENERGY Geothermal power for Chuqui? Yukon mines need power Managing energy	IA MW	J409 J425	Book mechanics Geoexpo 80 IMM-AIME conference in 1980 Development of the steam winding engine Air and dust filtration	IA IA IA	J355 J355 J355 J379	New Jersey Zinc agreement Strikes at Moura and Kianga 30-hour week for more Russian miners Weips strike	IA IA IA	J102 J102 J102 J102 J120	New winder order for Robey of Lincoln Wire rope for Vaal Reefs Skip manufacture in South	M	J007 J200
ENERGY Geothermal power for Chuqui? Yukon mines need power	IA	J409	Bock mechanics Geoexpo 80 IMM-AIME conference in 1980 Development of the steam unding engine	IA IA	J355 J355 J355	New Jersey Zinc agreement Strikes at Moura and Kianga 30-hour week for more Russian miners	IA IA IA	J102 J102 J102 J102	New winder order for Robey of Lincoln	M M	J007 J200 J292

MINERAL PROCESSING			Thai mining regulations Views on aluminium	IA N	J294 J305	Canadian mining taxation 50 years of Zambian mining	IA	J416 J417	TRADE & STATISTICS		
High throughput thickener for diamond mine	M	J062	U.S. Energy Bill at last U.S. Mining Tax Bill amendment	IA	J308 J313	Coal liquefaction Canadian mining impact	IA	J417 J417	Speculative interest reviving Ocean trade & transport of	MA	3023
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Small diameter hydrocyclones Superconducting magnetic	MW	J097	control 95th Congress adjourns	MA	J325 J327 J341	metallurgique des Anciens Wendron Tin Investment and risk analysis	R	M521 M521	Happy Christmas for gold Finland: meeting the challenge	MW	J501 M565
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Agglomeration and direct	M	J310 M414	Development funding for infrastructure	MW	J389	Ore deposits and metamorphic belts	IA	J509	Tyre chain demonstration Range of U.KMade articulated	M	M069
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New processes attract interest	MM		development Saindak porphyry copper	A	M484	Pocket book for tunnelling works 1979	R	M629	Japanese 132 U.S. ton off-	IA	J102
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Rossing Uranium Saindak porphyry copper	A	M466 M484	Nemento des mines et carrieres	R	M055	Loading device for cages U.K. vibration monitoring unit	M	M069 J078	tonnes capacity	A	M594
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Mauritanian coup Land for Eskimos	IA		mineral surface mining and exploration Handbook of mineral law	R	W145	U.E. alternative to vibrating			Tverrfjellet X - Norway's highest mine		
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Asbestom Corp. Ashtom Mining	MF	J259	Davy International A M265	MF	J259 J302	Gulf Resources Gullick Dobson	MF	J421 J142	Logic Control Systems		J275 J470
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Associated Manganese		J011 J296	P W101 IA J184	P	M357 J062	Haggie Rand Jupiter Rope Works	м	J200	Loraine Gold Mines	MW	J289 J510
Atlas Consolidated MF J256		J081 J294	Delkor Technik Demag Baumaschinen	M	J007	Hagglund	P	M559	Lornex Mining Corp. Lurgi	MF	J383 J031
Atlas Copco	A	M017 M559	Denison Mines	MF	J115 J084	Halifax Tool Co.	IA	M595 J333	P M357	IA	J379
A M573	16	M631	Derriton Electronics	MF	J424 J078	Hall & Pickles Hamersley Holdings	IA	J470 J143	M		
Atlas Powder Co. Austin Powder Co.	M M	J027 J116	Deutsche Solvay-Werke Diversified Metals Corp.	A	M374 J508	Hampton Gold Mining Areas	IA	J226 J014			
Aveling Barford A M027	A	M019 M605	DJB Engineering	H	M073 M595	Hanna Mining R. A. Hanson Co.	MF	J400 M309	Malayan Tin	MF	M605 J459
Ayer Hitam Azcon Corp.	MF	J337 J511	Nome Wines	MF	J167	Harmony Gold Mining	ME	J254	Manitowoc Engineering	ME	J463 M435
m	-	DUAL	Doornfontein	IA	J510 J312	Harnischfeger P & H	MF	J256 J007	Marinduque Copper Marinduque Nining & Industrial	IA	J119 J351
В			Dow Chemicals Dowty Group	IA	J376 J197	Haskel Energy Systems	M	M471 J453	Mary Kathleen Uranium Matthew Hall Ortech	MF	J383 J142
Bakerdrill Inc. Barlow Rand	MF	J291 J053	Dravo Corp.	IA	J508 J141	Head Wrightson	IA	J333 J416	M J292	IA	J456
Bechtel Inc.	MF	J458 J050	Dresser Industries	MIA	J181 J437	Heathfield Hecla Mining	A	M605 J122	Sir Alfred McAlpine & Son Messina (Transvaal) Development	M IA	J329 J140
Belas Bellambi Coal	A	M605 J282	Drill Sure	N	J078	Hotline Equipment	M	J330	Metallgesellschaft	MF	J462 J158
Benguet Consolidated	MF	J165	Duke and Ockenden Ltd.	М	J156 J349	Howden Engineering Howden Safanco Ltd.	M	J506 J156	MetsWliiton	IA	J456 M587
Beralt Tin & Wolfram	MF	J004 J234	Dundonion group Dunlop	MF	J494 J203	Hudson Bay Mining & Smelting MF J127 MF J190	ME		Michigan	A	M471
Bethlehem Copper	MF	J087 J441	Du Pont	IA	J437 J453	Hughes Tool Co.	ME	J421	Micro-Grade Laser Systems Nidrex Corporation	M A	J311 M414
BH South Billiton	MF	J381 J226	E			Hunting Geology	1/	J274	MIM Holdings Minatome	MF	J338 J433
Bishopsgate Platinum	IA ME	J437 J125	Earth Resources	MF	J105	Hunt International Resources	ME		Mineral Deposits Ltd. Minerals and Resources Corp.	MF	J126 J235
Blackwood Hodge	MF	J302 J204	Earth Sciences	MF	J440	Hymac	A	m027	Mineroperu Mining Association of the U.K.	IA	J313 J477
Blyvooruitzicht	MF	J231	East German Research Institute	LA		Imetal	ME			ME	J478
Boliden AB	IA	J232 J080	of Mineral Dressing East Rand Gold and Uranium Co.	MI		Impala Platinum MF J126 MF J207	ME		Mining Developments Ltd. Mining Investment Corp.	MF	J494
IA J414 IA J488	IA	J507 J511	Ecological Engineering	M	J156	Imperial Oil	ME	J302 M183	Mining Research & Development Establishment	М	J411
Bougainville Copper	MF	J148 J127	EDA Instruments	M	J098 J311	Industrial Minera Mexico	ME	J085	Mining Transportation	A	M375
BP Coal	MF	J383 J070	Eimco M 5422	H	J412	Industrial Magnets Ingersoll-Rand	H	J374 M067	Mitchell Cotts Mitralux International	M	M153
BP Coal British Petroleum	p	M560	Ekono M J432	A	M599 M587	M M158 W J392	A	M469 M559	Mitsubishi Development	IA	J079
British Steel Corp.	IA	J185 J050	Eldorado Nuclear Electrolytic Ziac Co.	P	M461	Inspiration Cons. Copper	M3	J107	Mitsubishi Metal IA J397	MF	J296
Broken Hill Proprietary	MF	J225 J033	Elmac Corp.	M A	J181 M595	Inspiration Holdings Institution of Mining and		J014	Mitsui Mining and Smelting IA J294	IA MF	J31
	MP	J231 M017	Engstrom & Milson	IA	J226 M599	Metallurgy	A	M525	Monitor Manufacturing Mount Lyell	MF	J330
Broyt BTR Belting Bucyrus Eric	M	J247 M157	IMI	IA	J009	International Bechtel	A	M265	Mary	MF	
W J301	M	J470	Envirotech Equipment Winier	IA	J395	International Harvester	M A	J392 M605	Richard Mozley Ltd.	M	309
Bulgarian Institute of Physics Chemistry	M	J470	Eries Wagnetics W J412	A	W211 J416	International Lead and Zinc	M		MTD (Mangula) Multi-Minerals	IA	
C			Erlau AG	M		Study Group International Minerals &			H		
-		Moss	Esso Exploration	IA		International Minerals & Chemical Corp. H J200 TA J295	H		National Coal Board	MF	J06
Cable Belt Icc											
Cable Belt Ltd.	M	M071 J349	A W471	PA	M009 M605	International Minerals and Metals	I		M J073 IA J160	IA	
California Controla Co	MP	J349 J116 J107	European Economic Community		M605	International Minerals and Metals International Monetary Fund	H	J241	M J073 IA J160 IA J379 IA J394 P M401	IA IA	A J41
	MP	J349 J116	European Economic Community	A	M605 J005 M061 J508	International Minerals and Metals	H	J241 J086 A J226	M J073 IA J160 IA J379 IA J394	IA	J41 J50

NEI Clarke Chapman Cranes IA Newell Dunford Engineering M	J251 J007	Placer Devel.	IA	J248	Sander Geophysics of Canada	IA	J3 23	Tongkah Harbour Tin Dredging		J421 J422
New Jersey Zinc IA		Pohlig-Heckel-Bleichert	M	J454 M319	Schopf Schroeder Brothers	A	M595 J223	Toro		M575
New Sersey Sinc		Lour IB - mecker - preschert		J452	Selcast Exploration	MF	J223 J283	TOPO		M589
Newmont Mining Corp. MF		Polhemus Navigation Sciences	N N					Transvasl Consolidated Lands		J476
A W106 IA J158 MW		Poseidon	MP	J350 J423	Selection Trust	MP	J253	Travis Quick Clamp		J223
P M359 MF		Potash Corp. of Saskatchewan	A	W186	0-14 0		J423	Trelleborg AB		J199
Nippon Steel Corp. IA		Formen Corp. Or SESEETCHOWER	MF		Seltrust Engineering Ltd.	A	M485			J139
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Noranda MF		MF J106 MF J190	MF	J281	Shaft Sinkers (Pty)	*	J292	U		
MF J125 IA J201 IA		Prieska Copper	MA		Shaw Almex Industries	*	J046	UNCTAD	1A	J294
IA J295 IA J354 MF		ritema Cupper	Mar	J259	Shell	IA	J433	UNCIAD		J427
MF J476 IA		9				IA.	J488	Union Carbide		MOS6
Nordverk A	M575	•			Sherritt Gordon	MF	J166	ORION CRIDING		J332
MOLGAELE	M599	Qatar Steel Company				MF	J440	Union Corporation	WW	J041
Normet A	M590	Queur Steel Company	IA	J294	Sidbec International	IA	J489	MF JOS9 MF J167	P	W183
A	M595		P	M359	Silvermines	MF	1383	WF J338 WF J459		J460
North Broken Hill MF					Simplex Mechanical Handling	IA	J160	United Nations		J183
Northern Mining MF		R			Smith International	M	M439	United Mations	MA	J217
Northgate Exploration MF		Racal Safety Ltd.			Soc. Le Nickel	MF	J283	Uranium Institute	A	M138
NOTTINGATE EXPLORATION MI		Ranchers	IA	J394	Secontae	M	J115	OFMENUM INSCITULE		J483
0	. 9435	Rand Mines	MP	J440	Soquem	IA	J047	U.S. Steel	IA	J225
U		Rauma-Repola	MP	J319	IA J140 IA J158	MF	J381	Utah International	IA	J063
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P		Reed Tool Co.	M	J025	South Crofty	MF	J034		***	9102
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Ocean Management I		Renison Tin	MF	J318	Southern Kinta	HF	J281	V		
Ocean Minerals		Reserve Wining Co.	MF	J282	S. Malayan Tin	MF	J458		**	J250
		Resource Development Corp.	P	M465		ME	J462	Vaal Reefs	IA	M560
		Revere Copper and Brass	IA		Southern Peru Copper Corp.	MF	J054	MW J265 IA J455	P	
	A J487		IA	J274	Southwest Research Institute	M	J291	Varian Associates of Canada	H	J431
o oktep copper co.	F J191	Rimpull	16	J291	Spectral Africa	A	M398	Vibranetics Inc.		J199
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		Rio Tinto-Zinc Corp.	P	W007	Sturtewant Engineering Product	s H	J046			
Onesseed a Manage		MF J147 MF J235	MF		Sumitomo Light Metal Industrie	B IA	J064	W		
Orenstein & Koppel		IA J354 IA J397	A	M466	Sunshine Mining	MP	J122			****
	A J437		XA			MF	J401	Wahco	H	W158
Organisation for Economic		Roan Consolidated Mines	MP		Swiss Aluminium	HW	J389	A M471 M J486	A	M605
Co-operation and			MF		A/S Sydvaranger	P	W011	Wagner Mining Equipment	M	J078
	W J004	Robertson Research Group	M	J115	T			A M575	A	M595
Outokumpu A	M571	Rome Industries	M	J311				Weaver and Hurt Ltd.	H	J221
Over-Lowe Co. N	1098	Rosario Resources	MF		TAKEAF	M	J062	Weserhutte	IA	J456
P		IA J185 WF J382	MF		Oy Tampella (Tamrock)	A	M038	Western Deep Levels	XA	J202
r		Rotheroe & Mitchell	M	J027	A M573	A	M591	Western Mining Corp.	P	W181
Pacific Tin	(F J070		14	J452	Tara Nines	EA		NF J299	P	M560
Padley & Venables		Roxon Oy	A	M211	MF J191 IA J293	MF		Western Platinum	MP	J338
radicy a venances		M J310	A	M587		NF		Western Systems Inc.	Ж	J062
	P M009	Ruhrkohle AG	MF		Tasminex NL	IA			M	J157
	#F J338	Rustenburg Platinum	MF	J278	Teck Corp.	MF		Westfield Minerals	MF	
	IF J462	ME J280 IA J293	MW	J407		MY			MW	J450
	WF J106	Ruston Bucyrus	A	N027	Terex	A	M027			
	WF J281				A M107 M M157	A	M605	Y		
	MF J317	5			Terradex Corp.	16	J350			
	P W461	-			Tetronics Research and			Yokohama Rubber Co.	14	J292
	A M605	Sala	A	W215	Development	16	3078			
	MF J087	St. Joe Minerals	ME		Texasgulf	IA	J377	7		
	MF J419		MF			11	J471	-		
	M M071	St. John d'el Rev	ME		Theiss Dampier Mitsui Coal	1/		Zaaiplaats Tin	ME	
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Fittaton Coar Co.	* P. P. C. C. C.		-							



